

### **NOTICE**

This standard contains numerous changes and deletions from the previous revision, as well as new requirements. Do not make any assumptions as to the content of the document. This standard should be carefully read prior to ordering a vehicle and its options, submitting an offer, building a vehicle, or conducting an inspection.

Further, to maintain the integrity of contracts, the past practice of underscoring changes has been discontinued because it is impractical to show all changes, deletions, etc. The contract must stand on the substance of the document as written.

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# Federal Standard 307 AE

## Trucks, Light, Commercial, 4X2 & 4X4 1,800 to 9,000 KG (4,000 to 19,999 LBS) GVWR

Federal Standard No. 307 AE, July 1, 2001- Superseding - Federal Standard No. 307 AD, July 1, 2000



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## NOTICE

**All Customers and Suppliers  
Please Note That Federal  
Standard Number 307AE  
Should Only Be Used  
For Procurement of  
2002 Model Year Vehicles**

NOT MEASUREMENT SENSITIVE

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# VEHICLES AVAILABLE WITH ALTERNATIVE FUELS

<b>Vehicle Configuration</b>	<b>Fuel Type</b>	<b>Item Number</b>	<b>Manufacturer</b>	<b>Remarks</b>
Sport Utility, 4 door	E85 FFV	100B, 101, 105B, & 106	GM	5.7L V8 Engine-only
Wagon Van, Compact	E85 FFV	20 & 25	Chrysler	
Wagon Van, Full Size	CNG	21 & 22	Chrysler	
Wagon Van, Full Size	CNG	22 & 24	Ford	
Wagon Van, Full Size	CNG2	22 & 24	GM	
Cargo Van, Full Size	CNG	31 & 32	Chrysler	
Cargo Van, Full Size	CNG	32 & 34	Ford	
Cargo Van, Full Size	CNG2	31 – 34	GM	
Pickup, Compact, Regular Cab	E85 FFV	60	GM	
Pickup, Full Size, Regular Cab	CNG	42	Ford	
Pickup, Compact, Extended Cab	E85 FFV	60C	GM	
Pickup, Full Size, Regular Cab	CNG2	42 & 47	Ford	
Pickup, Full Size, Extended Cab	CNG2	42C & 47C	Ford	
Pickup, Full Size, Regular Cab	CNG	42 & 47	GM	
Pickup, Full Size, Regular Cab	CNG2	42 & 47	GM	
Pickup, Full Size, Regular Cab	LPG2	42 & 47	Ford	
Pickup, Full Size, Extended Cab	CNG	42C & 47C	GM	
Pickup, Full Size, Extended Cab	CNG2	42C & 47C	GM	
Pickup, Full Size, Extended Cab	LPG2	42C & 47C	Ford	
Multistop Van	CNG	134B	Freightliner	Available in 195 or 230 horsepower
Cutaway Cab & Chassis	CNG	94B	Ford	

## FUEL TYPES

CNG = dedicated compressed natural gas only

CNG2 = bi-fuel - compressed natural gas or gasoline

E85 FFV = flexible fuel ratio ranging from a maximum of 85% ethanol and 15% gasoline to 100% gasoline

LPG = dedicated Liquefied Petroleum Gas (Propane)

LPG2 = bi-fuel - LPG or gasoline

## TRAILER TOWING GUIDE

Trailer towing presents many major concerns relating to legality, equipment reliability, safety and ultimately liability. Therefore, it is highly recommended that agencies use the following information to govern their trailer towing operations.

### Brake requirements:

Brake systems are highly recommended on all sizes of trailers. The towing vehicle manufacturers require operational brake systems for all trailers having a gross weight of 1,000 lbs. or more. Trailers with surge brakes do not comply with Federal Motor Carrier Safety Regulations 393.48 or 393.49 and therefore cannot be used in commercial application.

### Total Weight:

The combined weight of the trailer and the load on board the trailer shall not exceed the trailer manufacturer's rating of the trailer.

The total combined weight of the towing vehicle, load on towing vehicle, trailer curb weight and load on board trailer shall not exceed the towing vehicle manufacturer's GCWR for the towing vehicle.

$T_v$  = weight of loaded towing vehicle.

$T_r$  = weight of loaded trailer.

$T_v + T_r = GCW \leq GCWR$  of towing vehicle

### Trailer Tongue Weight:

Tongue weight should be between 10 - 15% of gross trailer weight.

### Trailer classes:

#### Class I – Light Duty

- 2,000 pound maximum gross trailer weight.
- Can be pulled with non-equalizing load-carrying hitch except where other types are recommended by manufacturer of tow vehicle.

#### Class II- Medium Duty

- 2,001 - 3,500 pounds maximum gross trailer weight.
- Can be pulled with non-equalizing load-carrying hitch except where other types are recommended by manufacturer of tow vehicle.

#### Class III – Heavy Duty

- 3,501 - 5,000 pounds maximum gross trailer weight.
- Can be pulled with non-equalizing load-carrying hitch except where other types are recommended by manufacturer of tow vehicle.

#### Class IV – Extra Heavy Duty

- 5,001 - 12,000 pounds maximum gross trailer weight.
- Weight-distributing anti-sway hitch is required for this class trailer.

#### Trailer gross weights exceeding 10,000 pounds require a fifth wheel type hitch.

- For engineering assistance call David Burry at (703) 308-1814.

## Compatibility Chart:

The following chart is a listing by trailer classes of Federal Standard item numbers, which, as a maximum, can pull the class of trailer.

Trailer Class and Maximum Trailer Weights	Manufacturer and 307 Standard Item Number With Option D7 and Other Required Options Shown
<b>Class I</b> 2,000 lbs.	(C) - 5 (F) - 30
<b>Class II</b> 3,500 lbs.	(C) - 41 (f) 98, 99 (G) - 6 w/T4, 30 (Venture max. tongue weight 350 lbs.)
<b>Class III</b> 4,000 lbs. maximum*	(F) - 50, 55 (G) - 2 w/T4, 6 w/T4
4,500 lbs. maximum*	(G) - 31
5,000 lbs. maximum*	(C) - 2, 6, 46, 100 & 105 (F) - 31, 46 (G) - 6, 32, 35
<b>Class IV</b> 5,500 lbs. maximum*	(C) - 62 & 62C, 67 & 67C (G&C) - 61 & 61C, 66 & 66C (F) - 31w/E3, 41 (G) - 2, 6 (weight-distributing hitch required for 2 & 6), 30 (Astro), 41, 41C, 46, 100 & 105
6,000 lbs. maximum*	(C) - 100 w/E3 & 105 w/E3, 62E & 68E w/E3 (F) - 61 & 61C, 66 & 66C (G) - 106
6,500 lbs. maximum*	(F) - 2, 6, 31, 41C, 46C, 47C, 100 & 105 (G) - 42, 101
7,000 lbs. maximum*	(C) - 41C, 46C (F) - 34, 42, 42C, 47 (G) - 34, 49A, 100B, 105B & 108
7,500 lbs. maximum*	(C) - 32w/E4, 100B & 105B (F) - 32 (G) - 49, 49Aw/YD, 102, 106w/YD & 108w/YD
8,000 lbs. maximum*	(C) - 32, 49C (F) - 100B & 105B (G) - 42w/E4, 44, 44w/YD, 44Aw/YD, 49w/YD, 101w/YD & 102w/YD
8,500 lbs. maximum*	(C) - 32w/E4, 34, 44C, 44Cw/YD, 49, 49D (F) - 44, 49C, 49D (G) - 44w/E4, 44Aw/E4
9,000 lbs. maximum*	(C) - 44, 44D, 49A (F) - 44A, 44C, 44D, 49, 49A (G) - 44A
9,500 lbs. maximum*	(C) - 44A
10,000 lbs. maximum*	(C) - 44w/E4 or YD, 44Aw/E4 or YD, 44Cw/E4 or YD, 44Dw/E4 or YD, 49Cw/E4 or YD, 49Dw/E4 or YD (F) - 34, 44w/E4 or YD, 44Aw/E4 or YD, 44Cw/E4 or YD, 44Dw/E4 or YD, 49Cw/E4 or YD, 49Dw/E4 or YD (G) - 44w/E4, 44Aw/E4, 49w/E4, 49Aw/E4

(C) = Daimler Chrysler Corp. (F) = Ford Motor Co. (G) = General Motors Corp.

\*Maximum trailer weight as permitted by manufacturer of the listed item number towing vehicle.

## Information Source:

All of the above information is based on vehicle manufacturer's ratings and recommendations. Individual state and local government requirements MUST be adhered to and in cases where the above information conflicts with local laws, local laws take precedence.

## 1. Scope and Purpose

### 1.1 SCOPE

This document covers commercially available, two and four wheel driven, light trucks of less than 9,000 kg (20,000 lb) GVWR and associated optional equipment. Types include pickup trucks, sport utility vehicles, and passenger, cargo and delivery vans. Also included are chassis and cab, and trucks equipped with service/utility, stake, and dump, bodies.

### 1.2 PURPOSE

The purpose of this document is to simplify competitive procurement of vehicles, and achieve a practical degree of standardization within the Federal Government's automotive fleet. This Standard establishes various types and sizes of trucks, and general equipment requirements. Purchasers should also review the information under section 6 Notes.

### 1.3 COVERAGE

This Federal Standard does not include all the varieties of the commodity indicated by the title but is intended to cover only those vehicles generally acquired by the Government. Additional requirements and deviations for special purpose vehicles may be submitted in accordance with sections 6.3 and 6.4. Approved modifications will be included in the invitations for bid, contract, or amendments. All vehicle procurements must comply with the Federal Property Management Regulations (FPMR) and the Federal Acquisition Regulations (FAR).

### 1.4 CLASSIFICATION

The vehicle's characteristics, components, equipment and options shall be based upon the manufacturer's make and model offered, and shall be verifiable in the vehicle's and body/equipment manufacturer's publications, and data that is required by the U.S. Environmental Protection Agency (EPA), Department of Energy (DOE), and other applicable regulatory agencies.

### 1.5 FUEL ECONOMY

Agencies are encouraged to use fuel mileage ratings as a factor in the selection of their vehicles. Miles per gallon ratings for all vehicles of less than 3,864 kg (8,500 lb) GVWR are available on the EPA website at [www.fueleconomy.gov](http://www.fueleconomy.gov).

### 1.6 METRICATION

Federal Agencies, to the extent economically feasible, use the metric system of measurement in procurements and other business related activities. Specifications and standards will be developed in metric when metric is the accepted industry system. In this document, metric is used with the exception of items covered by Federal Regulations and items built to inch measurements for interchangeability such as wheel diameters. To facilitate use of this document metric and inch-pound equivalent measurements are provided.



## 2. Referenced Documents and Material

### 2.1 APPLICABLE REFERENCES

When references are used they shall be of the issue in effect on the date of the invitation for bids or request for proposal.

Copies of this standard are available by writing to:

General Services Administration  
Centralized Mailing List Service (7CAFL)  
P.O. Box 6477  
Fort Worth, TX 76115  
FAX: (817) 334-5227

The mailing code for this standard is AUTO-0001.

Military Handbooks:

- MIL-HDBK-1223 - Nontactical Wheeled Vehicles Treatment, Painting, Identification Marking, and Data Plate Standard.

Copies of Military Specifications and Standards required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.

#### 2.1.1 ORDER OF PRECEDENCE

Unless otherwise specified, in the event of a conflict between this standard and an applicable reference, this standard shall take precedence.

### 2.2 ABBREVIATIONS AND DEFINITIONS

Following are the abbreviations or contractions and their meanings as they appear and are used in this standard:

Abbreviation	Definition
ABS	Antilock Braking System
ALT	Alternate/Alternative
AS	All Season (Tire Tread)
AMP	Ampere
AT	All Terrain (Tire Tread)
AUTO	Automatic
BAT	Battery
C	Daimler Chrysler
CA	Cab to Axle Dimension
CAP	Capacity
CCA	Cold Cranking Amps
CD	Engine Cubic Displacement in Liters
cfm	Cubic Feet per Minute
cm	Centimeters
CNG	Compressed Natural Gas (Fuel)
CYL	Cylinders
dia.	Diameter
DR	Door
ENG	Engine
F	Ford
FC	Forward Control
FL	Freightliner
FMVSS	Federal Motor Vehicle Safety Standard(s)
ft	Foot or Feet
FWD	Front Wheel Drive
G	General Motors
GAL	Gallons
GAS	Gasoline
GAWR	Gross Axle Weight Rating
GCWR	Gross Combined Weight Rating

GVWR	Gross Vehicle Weight Rating
HD	Heavy Duty
HDA	Heaviest Duty Available
HWY	Highway
in	Inches
kg	Kilograms
KPH	Kilometers Per Hour
L	Liters
Lb	Pounds
LT	Left
MAN	Manual
MAX	Maximum
m	Meters
MFR	Manufacturer's
MIN	Minimum
mm	Millimeters
MPG	Miles Per Gallon
MPH	Miles Per Hour
MSPC	Manufacturer's Standard Paint Color
n/a	Not Applicable or Not Available
OEM	Original Equipment Manufacturer(s)
OO	On-Off Road (Tire Tread)
OPT (O)	Option - Optional
PASS	Passengers
PTO	Power Take Off
psi	Pounds per Square Inch
R	Radial (Tire)
RT	Right
reqd	Required
RWD	Rear Wheel Drive
spd	Speed
S and std	Standard
TRANS	Transmission
V	V-type (Engine)
W	Workhorse
w/,	With
w/o	Without
-	Not Required, No Option Offered
/	And, And/Or
4X2	Two Wheel Drive
4X4	Four Wheel Drive

## 3. Detailed Requirements

### 3.1 DESIGN

#### 3.1.1 DESIGN

The vehicles and the related equipment furnished under this document shall be the manufacturer's current production. The vehicle(s) offered shall be as shown under the Federal Standard "Item Number" in "Representative Vehicles" table. Vehicle(s) shall be complete with all the necessary operating components and accessories customarily furnished to the general public, whether stipulated herein or not, together with such modifications and accessories as are necessary or are specified herein to enable the vehicle to function reliably and efficiently in sustained operation. The term "heavy-duty" as used to describe an item, shall mean in excess of the usual quantity, quality, or capacity that is normally supplied with the standard production vehicle or component. When a heaviest duty available (HDA) component is specified, the supplier may provide a vehicle with the standard component(s) when no OEM heavy-duty component is offered for the model specified. The term "standard" for a component or accessory means that it is a required part of the item. OEM refers to the chassis manufacturer.

#### 3.1.2 VEHICLE EQUIPMENT AND ACCESSORIES

Unless otherwise specified, the vehicle, components, assemblies, and accessories to be delivered under the contract shall be standard or optional commercial products that meet or exceed the requirements specified. They shall comply with all FMVSS Regulations applicable to the specified vehicle on the date of manufacture. In addition, the vehicle(s) shall be furnished with the equipment, systems, and accessories as specified by the option codes in the tables. Option codes are defined in the text of the standard, or are self-explanatory. All components and optional items shall be as represented in the manufacturer's current technical data. Technical data shall be limited to specifications and technical material identical to that furnished to the authorized company representatives for selection of vehicle models and components, and shall be on file in appropriate offices of the procuring activity prior to delivery of the item. When a specified component or accessory is available in the chassis manufacturer's sales/engineering data, the vehicle shall be so equipped. The OEM component parts of the vehicle need not be the products of the same manufacturer. Optional and standard equipment ordered shall be installed, serviced, and ready for use.

#### 3.1.3 RECOVERED MATERIALS/REGULATORY REQUIREMENTS

In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products is allowed under this document. The use of re-refined oil shall not be prohibited. This does not prohibit vehicle manufacturers from using performance criteria for acceptable oil.

### 3.2 VEHICLE, COMPONENTS, AND SYSTEMS

#### 3.2.1 CURB WEIGHT

The curb weight of the vehicle is defined as the weight of the complete vehicle without load. Curb weight shall include the chassis, cab and body, all attached devices, equipment, and a full complement of fuel, lubricants, and coolants.

#### 3.2.2 PAYLOAD CAPACITY

Payload specified in the tables for each Item Number is defined as the minimum net weight for occupants and body/cargo carrying capacity, regardless of the equipment which may be ordered/specified (see Section 6.0). Occupants weight shall be calculated at 68 kg (150 lb) each. The payload shall be evenly distributed in accordance with the vehicle design and intended use. NOTE: Payload is reduced by the weight of options for lift gate, winch, snowplow, brush guard, and other equipment. For chassis and cab vehicles the payload shall be reduced by the weight of the body and equipment.

#### 3.2.3 GROSS VEHICLE WEIGHT RATING (GVWR)

The gross vehicle weight rating is the maximum, fully loaded weight of a vehicle. The minimum GVWR of a vehicle furnished shall comply with payload shown in the tables for each Item Number, and shall be at least the sum of the curb weight and the payload capacity specified. Manufacturers shall provide a rating label showing the actual GVWR of the vehicle furnished. Unless otherwise specified, the chassis manufacturer's maximum GVWR, shown on the certification label, shall not be increased.

#### 3.2.4 DIMENSIONS

Unless otherwise specified, for chassis and cab vehicles the CA dimension provided shall accommodate an excess of 50 percent of the outside body length forward of the rear axle centerline.

#### 3.2.5 WHEELBASE

Unless specified or required by the CA dimension, the wheelbase shall be the manufacturer's shortest for the type and model specified.

#### 3.2.6 SPEED AND GRADEABILITY

The vehicle shall maintain a speed of 105 kph (65 mph) on a smooth, hard-surfaced, and level road. From a standing start the vehicle shall ascend a 20 percent grade. The vehicle shall perform as stated when equipped with all specified options, is loaded to the GVWR, and the air conditioner compressor is engaged. These requirements are in addition to the minimum engine size and transmission type shown in the tables.

#### 3.2.7 AIR POLLUTION CONTROL

The vehicles destined for all the states (except California, Massachusetts and New York), the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and American Samoa, shall comply with Environmental Protection Agency (EPA) Regulation governing Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines in effect on the date of manufacture. Vehicles destined for California or states that have adopted California regulations shall comply with State of California regulations governing air pollution control in effect on the date of manufacture for Code CEC.

### 3.2.8 FUEL SYSTEM

The fuel tank(s) shall be protected by a metal shield, or be located in an area which will be free from hazards of off-road operation. (Example: tanks located between frame rails or more than 38 cm (15 in) ground clearance). The fuel fill pipe shall be protected against deformation by body or component installation. When more than one fuel tank is furnished, the tanks shall be interconnected. A fuel gage shall be provided which accurately indicates total remaining fuel.

### 3.2.9 COOLING SYSTEM

A coolant overflow recovery tank and compensating system shall be furnished. The cooling system shall be protected with an OEM solution of permanent type anti-freeze and water in equal parts by volume. The supplier shall provide the OEM maximum size cooling system for the engine provided.

### 3.2.10 BRAKE SYSTEM

All vehicles furnished shall be equipped with the OEM power assisted, self-adjusting, front and rear wheels, antilock braking system (ABS).

## 3.3 DRIVETRAIN

### 3.3.1 ENGINE

The engine furnished shall have the number of cylinders specified and as a minimum the displacement specified. When specified that the vehicle(s) will be exported, the engine shall also comply with 3.8.6.

### 3.3.2 TRANSMISSION

#### 3.3.2.1 AUTOMATIC TRANSMISSION

Unless otherwise specified, the OEM standard production automatic transmission shall be provided.

##### 3.3.2.1.1 AUTOMATIC TRANSMISSION FLUID COOLER

Unless otherwise specified, the OEM standard automatic transmission fluid cooler shall be provided.

#### 3.3.2.2 MANUAL TRANSMISSION

When specified by code T4, T5, or T6 a manual transmission shall be provided.

##### 3.3.2.2.1 CLUTCH

Vehicles equipped with a manual transmission shall be furnished with the OEM heaviest duty available clutch assembly offered for the model provided.

### 3.3.3 TRANSFER CASE

The transfer case shall be of the two speed type which will provide a part-time (selective) four-wheel drive system. Protective plates or shields shall be provided when specified (code SP), or when ground clearance is 38 cm (15 in) or less.

### 3.3.4 DRIVE HUBS, FRONT WHEELS

The OEM heaviest duty available 4X4 full time or front wheel locking system engaged from the cab shall be furnished.

## 3.4 SUSPENSION SYSTEM

### 3.4.1 SUSPENSION

The vehicle shall be equipped with a suspension system (axles, springs, wheels and tires) having a rated capacity equal to or in excess of the GVWR. Unless otherwise specified, the chassis shall not be modified above manufacturer's maximum GAWR as shown on the certification label. All vehicles shall be furnished with OEM heaviest duty available springs, shock absorbers, and stabilizer device(s).

### 3.4.2 SPRING STOPS

The spring and/or axle stops furnished shall prevent the axle and other suspension components from striking any part of the chassis or body.

### 3.4.3 WHEELS AND TIRES

The minimum wheel and tire size shall be as specified in the tables. A spare assembly (a tire mounted on a wheel) shall be furnished. Wheels and tires, including the spare assembly, shall be of the identical size, type, brand, and load range. Spare tire assemblies for compact vans may be space saver type. All tires shall have radial construction. The tire assembly shall be mounted in a bulkhead or side wall carrier, or in a spare tire compartment. On a chassis and cab the spare assembly may be shipped strapped to the frame if a carrier is not available.

## 3.5 ELECTRICAL

### 3.5.1 ELECTRICAL SYSTEM

The electrical systems, equipment, and components furnished on the specified bodies, devices and equipment shall comply with all the applicable SAE recommended standards and practices. All van cab and body wiring, except for the engine compartment, shall be concealed behind paneling, headliners, or protected in flexible conduit, except for terminal ends. Passage through bulkheads/structural members shall be protected with grommets or equivalent. Exposed fuse boxes shall be provided with a non-conductive cover. All added wiring, for bodies, shall have SXL or GXL insulation and be mounted in a minimum 150° C (300°F) rated wire loom. Wiring shall be routed to avoid movement and high temperature components, and positively secured every 46 cm (18 in) maximum with clamps and/or clips.

### 3.5.2 ALTERNATOR AND BATTERY

When additional electrical power consuming equipment is furnished, the supplier shall provide a generating system capable of supplying the total continuous electrical load at normal engine idle for the equipment furnished with the completed vehicle. Intermittent loads such as winches, lift gates, and dump hoists are not included as continuous electrical load. The supplier shall furnish the vehicle with OEM component(s) available for the model (item) having ratings of not less than as specified in the tables. Batteries furnished shall be of the maintenance-free type, when available.

### 3.5.3 LIGHTING

Halogen headlamps shall be provided. Lights and reflectors shall not be mounted on vertical surface of rub rails, or mounted on vehicle bumpers, or in any manner to increase vehicle width. Rear lights, with the exception of license plate lights, shall be installed flush with, or forward of, the rear of the body. Two backup lights shall be fur-

nished. Interior lighting shall be provided in all vehicles, and applicable closed bodies.

### 3.5.4 RADIO INTERFERENCE SUPPRESSION

Non-OEM electrical equipment and devices used and installed on these vehicles shall be suppressed to the limitations of SAE J551.

## 3.6 CAB/BODY, EQUIPMENT AND ACCESSORIES

### 3.6.1 CAB AND CAB/BODY

Cabs shall be of the conventional type. The cab, or the cab/body, shall be equipped with, but not limited to, the following:

front doors with crank-operated windows; rear doors and cargo doors, as applicable, with checks or door stops; all latches, with exception of lift gates and end gates, operable from the inside and outside; both front side doors equipped with external key locks; two sets of keys;

upholstery and floor covering, as indicated, of the manufacturer's standard color shades or mixtures compatible with exterior color;

full-width adjustable bench seat or individual driver and companion seats, and armrests;

tinted glass on all windows, where available from the OEM;

manufacturer's standard insulation and sound deadening materials;

license plate brackets, front and rear; and

glove (dispatch) compartment.

### 3.6.2 CONTROLS AND OPERATING MECHANISMS

Controls and operating mechanisms shall be located for left-hand drive. Equipment controls shall be complete and conveniently located for the driver. Lever controls for specified equipment shall be designed and located to permit easy entrance and of the driver's compartment. Instruments and controls shall be identified as to their function and installed in a manner to facilitate removal and servicing.

### 3.6.3 ACCESSORIES, CAB/BODY

Unless otherwise specified, the accessories and convenience items and devices furnished for each vehicle shall include, but not limited to: electric power point, gauges, dome light(s), fresh air type heater with dual defroster; dual sun visors; armrests; dual windshield wipers/washer; signal lights; inside rear view mirror, dual outside rear view mirrors; electric horn; outside clearance reflectors when required; tire/wheel changing tools and jack, except chassis and cab styles; and hub caps if available from the OEM.

### 3.6.4 TRUCK BODY DESIGN

Unless otherwise specified by authoritative documents, each truck body furnished shall be designed and mounted to fit the vehicle chassis specified, which shall provide the proper weight distribution for steering and balance, and present a satisfactory appearance. Body widths shall be not less than the overall width of the rear tires, nor more than 5 cm (2 in) greater than the overall width of the rear tires per side. Bodies designed with wheel openings shall have the vehicle's wheels centered within the wheel opening  $\pm 5$  cm (2 in) longitudinally and  $\pm 1.3$  cm (0.5 in) laterally. Wheel housing envelopes shall be of a size to provide snow chain clearance as determined by SAEJ1232. Mate-

rials used in the fabrication of bodies, if not specifically described, shall be not less in quality and strength than those materials normally used by body manufacturer. Wherever dissimilar metals are used they shall be insulated against corrosion.

### 3.6.4.1 BODY MOUNTING

Bodies, other than OEM standard production bodies, shall have at least three (3) Grade 5, 16 mm (5/8 inch bolts), or equivalent, to attach each body bracket to the frame/chassis, mounted so as to minimize any lateral or longitudinal movement of the body relative to the frame. The body shall be mounted in accordance with the body and chassis manufacturer's recommendations. Body mounting crashworthiness shall not be compromised from that mandated by FMVSS crash test requirements. Bodies furnished for the cutaway chassis shall have floating body mounts. Body mounting and installation of fuel filler pipe and vent shall be in accordance with chassis and body manufacturer's recommended procedures to retain the certifications for all applicable FMVSS. Reinforcement or filler blocks shall be used where mounting device(s) may deform frame flanges. Mounting devices shall be locked units which will minimize loosening, but which may be tightened if necessary. Modular bodies shall not be welded to the frame at any point, and be interchangeable with other chassis of the manufacturer's having a similar cab to axle (CA) dimension. The fuel tank filler pipe shall be installed and vented in a manner to permit refueling at normal fuel pump delivery rates without regurgitation of fuel. The installed body shall not be in contact with any part of the exhaust system.

### 3.6.5 PREPARATION FOR PAINTING

The furnished bodies and the associated finished equipment surfaces, concealed or exposed, except polished metal parts, shall be cleaned, treated, and coated with a firm primer and preservative with rust inhibiting properties in accordance with MIL-HDBK-1223 (see 4.2.3.3). Subsequent finishes shall be industry's standard practice. MIL-HDBK-1223 does not apply to OEM provided cab and chassis.

### 3.6.6 PAINT, FINISH OR COLOR

Unless otherwise specified, the civil agencies' vehicle(s) exterior will be the manufacturer's standard colors. Military agencies' vehicle(s) exterior color may be in accordance with MIL-HDBK-1223, as specified by the procuring activity. The interior finish shall be manufacturer's standard compatible color with the exterior. Unless otherwise specified, all vehicles shall be painted with a gloss automotive paint, and for cut off van bodies and stake bodies, body and exterior mounted equipment shall be the same gloss automotive paint color as the cab with maintenance bodies painted in base coat/clear coat. Auxiliary or fiberglass hard tops may be furnished in manufacturer's standard color. Pintles, towing devices, winches, and bumpers may be manufacturer's standard color or finish.

### 3.6.7 MIRRORS, OUTSIDE

Unless otherwise specified, dual OEM outside rearview mirrors shall be provided, one on each side of the vehicle. Unless otherwise specified in the tables, only rearview mirrors with a foldaway feature shall be provided. When low mount mirrors are specified in the tables, low-mounted or sail-mounted style mirrors with minimum 230 sq cm (36 sq in) each shall be provided.

### 3.7 VEHICLE OPTION CODES

The following Option Codes are offered for selected vehicle applications. Detailed requirements for these codes follow this Index.

Not all option codes apply to all paragraphs. The Code only applies if listed in the Optional Equipment Code listing for that particular table.

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### N

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### Y

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#### 3.7.1.1 CODE "A10" 117 AMP ALTERNATOR

When code A10 is specified, a minimum 117-amp alternator shall be furnished.

#### 3.7.1.2 RESERVED

#### 3.7.1.3 CODE "AC" AIR CONDITIONING AND CODE "AC2" AUXILIARY REAR AIR CONDITIONING

**3.7.1.3.1 AC:** When code AC is specified, the vehicle shall be equipped with the chassis manufacturer's standard dehumidifying/all weather air conditioner. The air conditioning system shall include, but shall not be limited to increased engine cooling capacity, alternator and battery capacities, and insulation (headliner, firewalls, and side panels) as available for the model furnished. Unless otherwise specified, vehicles having capacities of 7-15 passengers shall be provided with dual evaporator systems and outlets, and with an auxiliary heater located in the rear passenger carrying section.

**3.7.1.3.2 AC2:** When code AC2 is specified, the OEM auxiliary, rear compartment air conditioning system shall be furnished.

#### 3.7.1.4 CODE "APP" AMBULANCE PREPARATION PACKAGE

When code APP is specified, the OEM ambulance preparation package shall be provided.

#### 3.7.1.5 CODE "AH" AUXILIARY HEATER

When code AH is specified, in addition to the standard in-cab heater, an auxiliary heater with two speed or variable speed blower shall be furnished for the passenger compartment. The auxiliary heater shall be installed under the rear seat, if possible without raising the seat, or



on the sidewall or behind the rear seat or under the front seat with protection, in crew cabs, and under the intermediate seat on other types of vehicles with airflow directed toward the rear seat(s). On van-wagon vehicles, the OEM auxiliary heater shall be installed. Rated air flow shall be not less than 5240 cu l (185 cu ft) per minute and heater rated output shall be not less than 4410 kg-calories (17,500 BTU) at 66° C (150°F) water over air differential. The heater controls shall be located convenient to the driver.

### 3.7.1.6 CODE "AL" ALUMINUM BODY

When code AL is specified, the utility service body shall be constructed of aluminum.

### 3.7.1.7 CODES "AS", "AT", "OO", AND "LT" TIRE TYPE

When code AS, AT, LT, or OO is specified, the corresponding type tires, of the minimum size specified in the tables, shall be provided.

Code AS - all season; Code AT - all terrain; Code OO - on/off road; Code LT - light truck.

### 3.7.1.8 CODE "CBE" CARGO BED EXTENDER

When code CBE is specified, the OEM cargo bed extender shall be provided.

### 3.7.1.9 CODE "AWDC" FOUR WHEEL DRIVE (4X4) CONVERSION

When code AWDC is specified, a four wheel drive conversion shall be furnished. The conversion (4X4) shall be a professionally engineered conversion from a two wheel drive (4X2) to a four wheel drive (4X4) meeting or exceeding all applicable requirements herein. All workmanship, welding, mechanical fit, grade, and quality of components and materials used in conversion(s) shall be equal to or greater than the chassis manufacturer's production of other vehicles in the same weight class that are available as factory assembled 4X4 units. Conversion components shall not interfere with other body, chassis, or mechanical parts through the complete range of suspension and wheel angle travel and allow proper alignment of axles. The tracking and wheelbase of the front/rear axles shall be identical on both sides of the vehicle. When available, the chassis manufacturer's original equipment components for 4X4 units shall be furnished, including but not limited to: spring hangers, shackles, drive axle, integral transmission/transfer case, universal joints, steering linkage, stabilizer bars, radius and torque rods, transfer case shift linkage, brake calipers, pads, rotors, shock absorbers, and springs. The chassis manufacturer's guidelines/requirements for 4X4 conversions shall be followed. The conversion shall, at a minimum, maintain the payload as required for the Standard Item number furnished. The furnished axle ratings, as a minimum, shall provide the original or greater GAWR and GVWR. The design of the 4X4 conversion shall not raise the vehicle's center of gravity over that of the original vehicle, and chassis height shall not be raised more than 12 cm (5 in). The transfer case selector shall have a readily visible shift diagram and a lighted position indicator. A red, dash mounted 4 wheel drive warning light shall be provided in close proximity to permanent warning decal or metal plate advising conditions under which 4 wheel drive shall not to be used. A dash mounted metal plate or permanent decal indicating the proper procedure for engaging and disengaging the 4 wheel drive shall be provided. The ratio of the front drive axle shall be identical +/- 1% of that furnished in the rear axle. Unless otherwise specified, the front drive axle hubs shall be manually engaged. Each vehicle's rear axle shall be furnished with chassis manufacturer's special traction differential (option code D3). Contractor shall furnish FMVSS re-certification of the complete fuel system should the original fuel system be modified in any manner. The 4X4 converter shall furnish a completed applicable FMVSS certification label as required for an Alterer, Intermediate, or Final Stage manufacturer.

In addition to the required OEM manuals, the vehicle shall be provided with operation, maintenance, and 4X4 system specifications information.

The 4X4 converter shall provide to the purchaser a full parts and labor warranty covering all added 4X4 parts and materials, including workmanship and design. The warranty shall also cover all OEM components affected or modified by the conversion process. This warranty shall be at least equivalent, in mileage and time, to the chassis manufacturer's original warranty, including any extended warranties required or furnished.

### 3.7.1.10. CODE "BBM" BULKHEAD, UTILITY SERVICE BODY

When code BBM is specified, the body manufacturer's steel cab guard shall be provided at the front bulkhead, and when an aluminum body is furnished the cab guard shall be aluminum. On fiberglass bodies, the cab guard shall be steel or aluminum. The guard shall be at least the width of the load space and the height of the cab and include openings for rear visibility.

### 3.7.1.11 CODE "BBS" BULKHEAD, STAKE BODY

When code BBS is specified, an all steel, solid front bulkhead with a screen opening behind the cab window, shall be provided in lieu of the front end rack.

### 3.7.1.12 CODE "BC" DUMP BODY COVER

When code BC is specified, a permanently mounted, retractable, mechanical cargo cover of vinyl-coated nylon material shall be furnished.

### 3.7.1.13 CODE "QS" FOUR WHEEL STEERING

When code QS is specified, the OEM four wheel steering system shall be provided.

### 3.7.1.14 CODE "BDF" DIAMOND TREAD STEEL FLOOR

When code BDF is specified, a diamond tread steel plate, 3.2 mm (1/8 in) thick, shall be provided for the stake platform floor.

### 3.7.1.15 CODE "BDS" DUMP STAKE BODY

When code BDS is specified, a class B dump hoist shall be provided for 8 and 9ft. bodies, and a class C for 12 and 14ft bodies. Dump stake bodies shall incorporate structural steel channel long sills. Wiring harness for the body shall have overload protection and be enclosed in conduit or plastic loom, except at terminal ends, and shall be secured by hangers to the underbody on not more than 46 cm (18 in) centers. The front rack section shall be capable of withstanding a horizontal static load equal to one-half the payload capacity of the load space without permanent distortion of the rack section or its mounting.

### 3.7.1.16 CODE "BH" INTERIOR BULKHEAD

When code BH is specified, an interior bulkhead shall be constructed of not less than 17 gauge steel with a rigid center section door and side panels, which shall be located between the driver and cargo areas. The door shall have openings in the upper and lower halves separated by a solid area. The openings shall be open mesh covered or perforated type with a diamond or round shaped holes contained within the open area and shall have an outside perimeter of not less than 43 cm (17 in) high for standard vans or 38 cm (15 in) high by 38 cm (15 in) wide for compact vans, with the solid separation between openings of not less than 9cm (3.5 in). The upper edge of the upper opening shall be 2.5 to 13 cm (1 to 5 in) from the top of the bulkhead. The openings shall be hinged to swing into the cargo area. Bulkhead shall be secured to the body interior with easily removable,

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corrosion resistant fasteners. Provision shall be made on cargo side of bulkhead for relocation of spare tire assembly to left or right sider panel(s) or under frame

### 3.7.1.17 CODE "BHP" HIGH PROFILE MAINTENANCE BODY

When code BHP is specified, a high profile utility maintenance body shall be supplied. Minimum cabinet height (front and rear) shall be 99 cm (39 in) and minimum load space height shall be 61 cm (24 in).

### 3.7.1.18 CODE "BL" BED LINER

When code BL is specified, an OEM or OEM approved protective cargo bed liner shall be furnished.

### 3.7.1.19 CODE "BR" TRANSLUCENT ROOF

When code BR is specified, the roof panel over the cargo section of Multistop Van Trucks, shall be translucent white, fiberglass reinforced, polyester material, min. 1.8 mm (0.070") thick.

### 3.7.1.20 CODE "BRH" STAKE RACKS, 100 CM (40 IN)

When code BRH is specified, the rack sections shall be minimum 100cm (40 in) high.

### 3.7.1.21 CODE "BRT" INTERIOR ROPE TIES

When code BRT is specified, the body side lining (panels) shall be furnished with tie rings for cargo securing. The tie rings shall be recessed and shall be spaced on 61 cm (2 ft) centers, and 76 cm (30 in) above the floor line plus or minus 5 cm (2 in), unless otherwise specified. Tie rings are not required on the bulkhead.

### 3.7.1.22 CODE "BS" BUCKET SEATS

When code BS is specified, front bucket seats shall be provided. Front seating is reduced to two passengers with this code.

### 3.7.1.23 CODE "BSF" SMOOTH STEEL FLOOR

When code BSF is specified, a smooth steel plate 3.2 mm (1/8 in) thick shall be provided for the stake platform floor.

### 3.7.1.24 CODE "BUA" BACKUP ALARM

When code BUA is specified, an alarm shall be furnished which provides an audible warning whenever the ignition switch is "on" and the vehicle transmission control is in reverse.

### 3.7.1.25 CODES "B12, B14, & B16" BODY LENGTH

These codes describe the length of the body on stake trucks. Code B12 requires a 3.7 m (12 ft) body length. Code B14 requires a 4.3 m (14 ft) body length. Code B16 requires a 4.9 m (16 ft) body length.

### 3.7.1.26 CODES "CA1, CA4, AND CA8" CAB TO AXLE LENGTH

When specified, code CA1 requires a cab to axle length of 275 cm (108 in), code CA4 requires a cab to axle length of 305 cm (120 in), and code CA8 requires a cab to axle length of 213 cm (84 in).

### 3.7.1.27 CODE "CCH" CARGO COMPARTMENT HEATER

When code CCH is specified, a load space heater, having a minimum rated output of 4410 kg-cal (17,500 BTU) at 65°C (150°F), water over air differential, mounted behind right hand rear wheelhouse shall be provided. Heater height will be no higher than rear wheelhouse and will be securely fastened to prevent vibration/breakage. A dash-mounted blower switch and under-hood coolant flow shutoff valve to restrict water flow to the heater shall be provided to afford capability for on/off heat control to vehicle interior.

### 3.7.1.28 CODE "CCW" CARGO COMPARTMENT WINDOWS

When code CCW is specified, two centered, sliding side windows with screen shall be installed, one on each side of the cargo compartment. Window area shall be approximately 107 cm (42 in) wide by 56 cm (22 in) high.

### 3.7.1.29 CODE "CM" CARPETED FLOOR COVERING

When code CM is specified, carpeted floor covering shall be provided.

### 3.7.1.30 CODES "CNG & CNG2" COMPRESSED NATURAL GAS

When code CNG is specified, an OEM compressed natural gas alternative fuel system of the type specified in the table shall be provided. When code CNG2 is specified, OEM dual fuel natural gas/gasoline alternative fuel system shall be provided.

### 3.7.1.31 CODE "CNS" CONSIGNEE DELIVERY

When consignee (direct) delivery, code CNS, is specified, the contractor shall deliver the vehicle to the consignee delivery address designated on the motor vehicle delivery order. The consignee is responsible for the predelivery inspection and servicing. Items to be installed as part of the predelivery servicing shall be shipped in the vehicle. Vehicle title/registration and safety/emission tests are the responsibility of the requisitioning agency.

### 3.7.1.32 CODE "CR" CRUISE CONTROL

When code CR is specified, the manufacturer's standard speed control/cruise control system shall be furnished.

### 3.7.1.33 CODE "CRT" CARGO RESTRAINING TRACK

When code CRT is specified, a cargo restraining track shall be installed on each interior side wall at the manufacturer's standard height(s), unless specific height(s) are requested. Cross bars and hardware for insertion into the tracks need not be supplied, unless otherwise specified.

### 3.7.1.34 CODE "CRTS" CRUISE CONTROL AND TILT STEERING

When code CRTS is specified, the manufacturer's cruise control and tilt steering wheel shall be furnished.

### 3.7.1.35 CODE "CU" CLOTH UPHOLSTERY

When code CU is specified, the OEM standard cloth interior upholstery shall be provided..

### 3.7.1.36 CODE "D3" SPECIAL TRACTION

When code D3 is specified, the vehicle shall be provided with a positive-traction, automatic locking differential (rear end).

### 3.7.1.37 CODE "D7" TOWING / MOUNTAIN RATIO

When code D7 is specified, it shall indicate that the vehicle will be used for trailering (towing), or operated in mountainous terrain. The supplier shall furnish the vehicle with the OEM higher than standard numerical axle ratio that is compatible with the required equipment.

### 3.7.1.38 CODE "DA" DELETE AIR CONDITIONING

When code DA is specified, the vehicle supplier shall furnish the vehicle without air-conditioning components.

### 3.7.1.39 CODE "DCG" ENGINE MOUNTED AIR COMPRESSOR

Code MCT is required. When code DCG is specified, a vehicle engine mounted rotary screw air compressor providing a minimum of 70 cfm @ 150 psi air pressure supply shall be furnished. An auto-



matic throttle control shall be furnished and set to adjust the engine rpm based on air demand. The system shall include a compressor oil cooler, a moisture ejector system, a quick release air hose connector at the rear bumper, a splitter, and two (2) 25 ft air hoses. The system shall be configured to operate when the transmission selector is placed in the "Park" position and with the parking brake applied. Note: Code MCTE is not available with this option.

### 3.7.1.40 CODE "DCL" DOME CARGO LAMPS

When Code DCL is specified, four dome lamps shall be located off center, two on each side, one foot from side panel in cargo compartment. The lamps shall be controlled through two interior, manual switches, one on the right hand side of the rear door and one on the right hand side of the curbside sliding door. Switches will be located at a height to prevent accidental breakage when entering/exiting vehicle. Wiring of switches will allow for turn on/off with either switch.

### 3.7.1.41 CODE "DDS" DROP SIDE DUMP BODY

When code DDS is specified, the supplier shall furnish the dump body with left and right (single or double) drop side style body.

### 3.7.1.42 CODE "DPA" SCREEN TYPE INTERIOR PARTITION AND CODE "DPB" SOLID TYPE INTERIOR PARTITION

When code DPA is specified, a screen type interior partition with door shall be installed at the rear of the driver's compartment. When code DPB is specified, the partition with door shall be of the solid type. The location of the partition shall allow for full seat travel with the seat back at a 23 degree angle from the vertical. Partition door shall be of the sliding type, operable from both sides, with provisions for locking from the front. When codes DPA and DPB are installed, the load space may be reduced by up to 13 cm (5 in). The load space shall be measured from the rearmost intrusion of the partition.

When a recess in the partition is used to accommodate the back of the reclined seat it shall also provide additional clearance for the driver's and passenger's head. The recess width shall be at least as wide as the seat. The recess height shall come to within 6mm (0.25 in) of the cab/body mounting flange.

### 3.7.1.43 CODE "DPW" BULKHEAD DOOR WINDOW

When code DPW is specified, a steel or aluminum bulkhead with a sliding-type entry door, and fixed side panels shall be provided between the driver's area and the cargo space. The door shall slide open on the front side of the bulkhead, and be provided with a securing device. The bulkhead shall be secured to the body interior with easily removable, corrosion resistant fasteners. The bulkhead shall be capable of withstanding a horizontal static load equal to 1/2 payload capacity of the vehicle without permanent distortion. When code DPW is specified, a bulkhead door with a framed clear plastic 3 mm (0.125 in) thick upper half shall be provided allowing unrestricted sight line from the driver's seated eye level through the rear door(s) and window(s). Note: Bulkhead may reduce load space length by up to 13 cm (5 in).

### 3.7.1.44 CODE "DRS" DELETE REAR SEAT(S)

When code DRS is specified, the rear seating arrangement shall be deleted from the vehicle.

### 3.7.1.45 CODE "DTG" DARK TINTED GLASS

When code DTG is specified, the supplier is required to furnish OEM dark tinted glass on all windows behind the front seat.

### 3.7.1.46 CODE "DUD" SIDE DOORS

When code DUD is specified, two full width side doors shall be furnished.

## 3.7.1.47 CODE "DVAL" CUTAWAY DELIVERY VAN BODY, ALUMINUM

When code DVAL is specified, the manufacturer's standard commercial delivery van body shall be furnished. The body shall have a nominal full width, roll up, rear door with upper and lower windows. The body shall be mounted on a "RV" cutaway cab and chassis. The body shall be aluminum. The body shall be mounted in the same manner as the chassis manufacturer's standard floating mount for the cab portion and mounted per chassis manufacturer's recommendations. All holes in chassis to accommodate body shall be drilled in accordance with chassis manufacturer's instructions. Body dimensions shall be as specified in the table.

The complete underside of the van body shall be rustproofed in accordance with Federal Standard Number 297E. The van body exterior color shall be body manufacturer's standard white, unless otherwise specified (code "MPT"). For item 92, the body width may be up to 10 cm (4 in) greater than the width of the rear tires, per side. No partition between cab and load space shall be furnished, unless code DPA or DPB is specified. When air transport is specified the overall maximum unloaded height, including roof vents (code VR), shall not exceed 264 cm (104 in).

### 3.7.1.47.1 FABRICATION

Aluminum bodies shall be a minimum 1 mm (0.040 in). Vertical posts shall be aluminum or galvaneel on 41 cm (16 in) centers. The metal roof assembly shall consist of a one-piece aluminum sheet with support bows on maximum 61 cm (24 in) centers, metal roof reinforcements that are bonded in place and be constructed to assure adequate drainage. Aluminum roofs are not required to be painted. All roof and body seams shall be sealed and weatherproofed. Rub rails permanently attached to the body exterior shall be positioned to assure proper body protection. Metal roof and sides shall be lined and completely insulated with no less than 2.5 cm (1 in) thick fiber-glass batting or polystyrene. Headliner for roof, and side lining shall be sheet metal of the type used for body construction, or 6.4 mm (1/4 in) minimum exterior grade plywood. The interior body sides shall be smooth or ribbed with no other protrusions except fasteners and corner posts. When steel/aluminum materials are used in combination, these dissimilar metals shall be provided with galvanic insulation at all points of contact. These metal panel liners are to cover side walls from floor to roof rail, with no exposed wiring or struts. All wall and roof liners shall be smoothly fitted with no separation or protrusion between liners. The fasteners shall project no more than 2.8 mm (7/64 in) into the interior and shall be blended and smooth. Side lining panels furnished shall be securely fastened and completely line the body without gaps between panels, except at the roofline, where a gap between side and roof panels shall not exceed 1.3 cm (1/2 in). All interior panels shall be removable to facilitate body repair. Each sheet metal headliner and side lining panel shall be rigid, shall have no sharp edges exposed to the touch and shall be fastened so as to prevent scalloping and edge ridges in the panels. Each wood headliner and side lining panel shall be free of defects, sanded smooth and flush with adjacent panels. The body side lining (panels) shall be reinforced for load support. Tie rings shall be provided when code BRT is specified.

### 3.7.1.47.2 FLOOR AND BUMPER

Cargo floor shall be low type, with wheel wells. Floor shall be body manufacturer's standard metal floor of one piece or maximum two piece welded construction. Sub-floor shall be of all metal construction.

Rear bumper shall be steel, step type, not less than 15 cm (6 in) front to rear, frame attached, and painted the same color as the vehicle. Abrasive nonskid surface material or rubber scuffplates shall be applied to step area of bumper if bumper step is not treadplate.

**3.7.1.48 CODE “DVC” ROLLUP REAR DOORS**

When code DVC is specified, a full width, roll-up, overhead rear door shall be provided. The door shall be of the sectional type, having not less than five sections and a minimum of 183 cm (72 in) wide if dual wheel body style, and a minimum 168 cm (66 in) if single wheel body. The door sections shall incorporate joints of the tapered tongue and groove or, shiplap type. The door shall be plastic covered or aluminum covered 1.9 cm (3/4 in) marine plywood construction. Door section corrosion-resistant hinges shall be mounted on the inside of the door, one at each end of each section joint. The door track shall be manufacturer's standard corrosion-resistant type equipped with a positive stop at the end of the track. Door rollers, counter-balance units and cables of corrosion-resistant construction shall be provided. The door shall be weather tight. A heavy-duty, corrosion-resistant slam or cam-operated lever-type lock shall be provided with provisions for key locking. One heavy-duty, corrosion-resistant grab handle, closed type, shall be provided on the inside bottom of the door. One nylon, double loop pull-down strap not less than 3.8 cm (1.5 in) wide and 30 cm (12 in) in length shall be provided outside the door and located adjacent to the door lock. The rear door shall be provided with upper and lower safety glass window(s) having a total rear door glass area not less than 2,580 sq cm (400 sq in). The glass area in the upper section of the rear door shall be at eye level of the operator when in a seated position in the driver's compartment. When roll-up rear door is furnished, loadspace may be reduced to accommodate clearance required for rear door hardware.

**3.7.1.49 CODE “DVD” DUAL REAR DOORS**

When code DVD is specified, two side-hinged, full width rear doors both with inner stops shall be provided. Upper and lower windows, with a minimum total of 1,930 sq cm (300 sq in) of clear glass area shall be provided in the rear doors. Rear doors shall have door operating handles inside and outside. Rear doors shall be provided with door checks to hold doors in full open position. In addition to the door operating handles, grab handles, to assist in closing the doors, shall be provided on inside of rear doors.

**3.7.1.50 CODE “DVE” AND CODE “DVE1” EXTRA HEIGHT INTERIOR, MIN 200 CM, AND MIN 210 CM**

When code DVE is specified, a load space height of a minimum 203 cm (80 in) shall be provided. When code DVE1 is specified, a load height space of a minimum 213 cm (84 in) shall be provided.

**3.7.1.51 CODE “DVF” WOOD FLOOR**

When code DVF is specified, a wood floor, a minimum of 2 cm (0.75 in) shall be provided.

**3.7.1.52 CODE “DVFG” FRP DELIVERY VAN BODY FOR CUTAWAY CAB**

When code DVFG is specified, a delivery van body meeting the requirements for code DVAL shall be furnished with the following changes in construction: The body shall be constructed using fiberglass-reinforced panels in lieu of aluminum. These fiberglass-reinforced panels shall consist of panels having a minimum thickness of 0.95 cm (0.375 in). This type of body does not require a liner and may have a fiberglass roof. The rear frame assembly for this type body shall be constructed of aluminum or galvanized steel.

**3.7.1.53 CODE “DVG” ROOF VENTILATOR**

When code DVG is specified, a roof type, static ventilator shall be furnished having controls for opening and closing. Roof type ventilator shall be located approximately in the center of the cargo space.

**3.7.1.54 CODE “DVS” UTILITY SERVICE BODY ON A CUTAWAY CAB**

When code DVS is specified, the truck shall be of the size specified, having a body manufacturer's standard commercial utility service body for a cutaway cab type chassis. Nominal body lengths shall be 3 m (10 ft) for cutaway chassis with 203 cm (80 in) CA; 3.7 m (12 ft) for a 254 cm (100 in) CA; and 4.3 m (14 ft) for a 300 cm (118 in) CA. The body interior height shall be nominally 188 cm (74 in). The body shall comply with the requirements stated for Tables 18, 19, and 20, code USS and Code USS2. A door integrated in the bulkhead shall be furnished to allow for entry and exit to the body from the cab. The body shall provide space for the full range of travel for both the driver and passenger seats.

**3.7.1.55 CODE “DVW” CURB SIDE WINDOWS**

When code DVW is specified, the side panels on the curbside in the cargo area shall be provided with window(s). The window(s) shall be a minimum 107 cm (42 inches) long centered in the side panel area, and extend from near the bottom of the roof cap rail approximately 61 cm (24 inches) down to the belt line. When more than one window is furnished, dividers between the windows shall not reduce the total side glass area more than 10 percent.

**3.7.1.56 CODES “DV2, DV4, DV6, AND DV8” CARGO BODY LENGTHS**

These codes describe the required minimum load space length of the vehicle: Code DV4 - 4.3 m (14 ft); Code DV6 - 4.9 m (16 ft); Code DV8 - 5.5 m (18 ft).

**3.7.1.57 CODES “E2, E3, E4, AND E5” ENGINES**

When code E2 is specified, the OEM applicable six cylinder engine shall be provided. When code E3 is specified, OEM applicable V8 engine shall be furnished. When code E4 is specified, an OEM engine with additional power compared to the standard engine shall be provided. When code E5 is specified, the OEM extra power V8 or 10 cylinder engine shall be provided.

**3.7.1.58 CODE “ECTD” (Military Only) DELETE COSMETIC TRIM**

When code ECTD is specified, the exterior cosmetic trim shall be deleted in accordance with MIL-HDBK-1223. Applies to vehicles listed under code MCT.

**3.7.1.59 CODE “EH” ENGINE BLOCK HEATER**

When code EH is specified, the OEM engine block heater(s) shall be provided.

**3.7.1.60 CODE “ELFS” (Military Only) FOLD UP TROOP SEATS**

Code MCT required. When code ELFS is specified, eight (8) longitudinal fold up type troop seats made from fiber glass reinforced composite material conforming to MIL-C-62419 shall be furnished. The troop seats are to be mounted in the pickup bed in accordance with MIL-T-21171, paragraph 3.5.3.1.1, Commercial Trucks with Racks and Bench Seats. A pick-up bed canvas cover and bow, meeting the requirements of ATPD-2076, Military Purchase Description-Trucks, Commercial: Cargo Box Cover Kit, shall be furnished.

**3.7.1.61 CODE “EV” ELECTRIC POWERED VEHICLE**

When code EV is specified, an OEM battery powered electric vehicle shall be provided.

**3.7.1.62 CODE “FG” FIBERGLASS BODY**

When code FG is specified, the body shall be fiberglass in lieu of the specified material.

**3.7.1.63 CODE "FLFL" "FLAT CARGO FLOOR"**

When code FLFL is specified, a flat cargo floor shall be furnished.

**3.7.1.64 CODE "FPUC" FIBERGLASS PICKUP CAP**

Code MCT required. When Code FPUC is specified, a fiberglass pickup cap shall be furnished. The cap shall have dark tinted glass, locking left and right side windows, and a swing up rear access door with dark tinted glass and gas spring props. The top shall have a fixed front window. All door and window seals shall be neoprene. Door locks shall have covers. An interior cap light with an on/off switch located in the cab and cap shall be furnished. A high mounted rear brake light shall be furnished and permanently mounted. The cap shall be painted the same color as the vehicle. Note: This option is available only with the 8 foot bed size.

**3.7.1.65 CODE "FTH" FRONT TOW HOOKS**

When code FTH is specified, the manufacturers optional front tow hooks shall be frame mounted on the front of the vehicle.

**3.7.1.66 CODE "E85" ETHANOL FLEXIBLE FUEL**

When code E85 is specified, the engine shall be capable of normal operation on gasoline fuel containing up to 85 percent ethanol.

**3.7.1.67 RESERVED****3.7.1.68 CODES "HTG", "HTGR", "HTGU", AND "HTP" HYDRAULIC TAILGATE LIFT, RAIL TYPE LIFT GATE, FOLD UNDER GATE, AND POWER CLOSE LIFT GATE**

A rear bumper is not required.

When code HTG is specified, the vehicle shall be equipped with an elevating and folding type tailgate lift.

When code HTGR is specified, the vehicle shall be equipped with a rail type tailgate lift.

When code HTGU is specified, the vehicle shall be equipped with a fold under tailgate.

When code HTP is specified, the tailgate shall be as specified for code HTG or HTGR, with the addition of a powered closing platform.

Note: Payload will be reduced by the weight of the lift gate. (See Option Codes in the tables for payload reduction figures.)

Unless otherwise modified in the solicitation or contract, the lift gate shall be hydraulic type with a rated lift capacity of not less than 363 kg (800 lb) when furnished on vehicles with single rear wheels. Lift gate capacity shall be 454 kg (1,000 lb) on vehicles with dual rear wheels.

Hoisting operations shall be accomplished hydraulically, powered from the truck's PTO or electrical system. Controls for operation of the lift shall be mounted outside of the body. Opening of the platform shall be power assisted. Closing of the platform shall be manual, or power assisted when code HTP is specified.

The vehicle's spare tire assembly may be mounted on a secured carrier in the load space. When the tailgate lift is supplied on a stake body truck, the two removable rack sections across the rear of the truck bed will not be required except when code HTGU is specified.

The tailgate platform shall be non-skid, full width of body interior less 5 cm (2 in), and shall have a depth of not less than 64 cm (25 in), exclusive of ramp. The top of the rear edge shall come to within 1.3 cm (0.50 in) of the ground. The tailgate shall fold vertically against the rear of the vehicle for traveling and shall have a continuous toe clearance between rear edge of the floor and the tailgate platform, latches to hold the tailgate at floor level, if available, and devices to

prevent movement due to road shock. When the tailgate is in line with the floor of the vehicle, the distance between rear edge of the floor and the tailgate shall be not more than 2.5 cm (1 in).

**3.7.1.69 CODE "L6" SHORT BED PICKUP BODY**

When code L6 is specified, the truck body furnished shall have an overall interior length of 1.8 to 2 m (6 to 6.7 ft).

**3.7.1.70 RESERVED****3.7.1.71 CODE "LE" SPECIAL SERVICE LAW ENFORCEMENT PACKAGE**

When code LE is specified, the OEM special service package shall be provided including bucket seats, roof wiring, power windows and locks, speed control, tilt steering, and heavy duty wheels. For Items 100 and 105 the only interior available is cloth upholstery on front and rear seats with carpeted floor covering. On Items 100B and 105B only vinyl floor covering is available.

**3.7.1.72 CODE "LED" LIGHT EMITTING DIODES**

When code LED is specified, all added stop/tail, directional, and marker lights shall be light emitting diodes. LED lights shall be installed with tamper resistant hardware.

**3.7.1.73 CODE "LF" LEADED FUEL (GASOLINE) EXPORT PACKAGE**

When code LF is specified, vehicles exported shall be capable of accepting all types of refueling nozzles and extended operation on leaded gasoline.

**3.7.1.74 CODE "LPG2"**

When code LPG2 is specified, the OEM's bi-fuel engine shall be furnished. This engine shall be capable of normal operation LPG or gasoline.

**3.7.1.75 CODE "LR" LUGGAGE RACK**

When code LR is specified, an OEM, roof mounted luggage rack shall be provided.

**3.7.1.76 CODE "MBG" FRONT BRUSH GUARD**

When code MBG is specified, the vehicle shall be equipped with a radiator and headlamp brush guard.

**3.7.1.77 CODE "MCT" OFF ROAD EXTENDED DUTY PACKAGE**

This package consists of suspension, tire, and other vehicle enhancements to provide for upgraded survival and mobility in an off road environment.

This code shall apply only to Standard Item No.'s 49, 49C, 57, 87, 87C and 147. The unit shall be certified for Air Transportability per Wright Patterson Air Force Base procedures.

Codes T4 and T6 will not be available with this Code.

The pick up box size for code MCT will be 8 ft only. The engine furnished shall be a diesel, turbocharged, with a minimum horsepower rating of 300. Code D3, limited slip differential, shall be included with code MCT. A high capacity two stage air cleaner with flow restriction indicator shall be furnished. The front bumper shall be painted the same color as the body. Shock absorbers shall be heavy duty gas pressurized, min 46mm, designed for on/off road use. Kevlar covers shall be installed on front CV joints. Two front and two rear pivoting tie down loops mounted on the bumpers shall be furnished. For Item Numbers 49, 49C, and 57, four (4) (two front and two rear) cargo tie down eyes in the pickup bed shall be furnished. A heavy duty brush guard grill shall be furnished and designed to protect the radiator grille, headlamps and turn-signals from damage

caused by minor impacts and shall be painted the same color as the vehicle. Rear mounted combination pintle and ball towing hook with reinforcement and 12 pin military trailer light hookup (7,500 lb w/1,000 lb tongue weight on highway or 3,800 lb off highway) shall be furnished. Hitch height shall be no higher than 29 inches from the ground to the centerline of the ball. An adapter from the military 12 pin to a commercial 8 pin shall be included. The equipped vehicle is rated for 12,000 lb maximum trailer weight, 7,700 lb for item 105B. The transmission, transfer case, and differential vent filters shall be remote mounted above the vehicles fording line. License plate mounting kit with illumination for rear license plate shall be furnished. Note: for options over and above the standard MCT equipment listed here, please refer to the option codes section.

3.7.1.78 CODE "MCTE" ON BOARD 5000 WATT ELECTRICAL SYSTEM

Code MCT required. When code MCTE is specified, a 120/240 volt, 60 Hz, continuous duty rated 5000 watt generator/power system shall be furnished. It shall consist of a chassis manufacturer approved, engine mounted, belt driven generator, remotely mounted electronic control unit, a control module, auto-throttle control, appropriate wiring, and power distribution panel. The chassis manufacturer shall approve the installation.

3.7.1.79 CODE "MCTL" MILITARY PACKAGE

Code MCT required. Military use only. When code MCTL is specified, the following shall be furnished:

A 24 Volt electrical power source consisting of an on board regulated power supply that converts 12 VDC to 24 VDC. The system shall be rated at 40 amps continuous output and include: high temperature thermal limiting device, current limiting regulator, electrical overload protection, fuse panel for short circuit protection, protection in case of "loss of grounding", and fusible links for battery reversals. This system shall employ dual batteries with 660 CCA minimum each, wired in parallel for 12 volt starter and series hook up for 24 volt power source. The system shall include a series/parallel relay for diesel powered vehicles only. A NATO polarized jump start receptacle mounted in the front grill area shall be provided;

A military blackout lighting package shall be furnished which includes two (2) front and two (2) rear LED lamps, and one (1) front drive light. A master switch unit for the set up shall be provided and must be capable of disconnecting all other vehicle light sources when the blackout lighting system is activated;

A vertical weapons carrier bracket for two M16/M14s, mounted in the cabin to the cab "B" post. The wheel hubcaps shall be deleted. Protective green seat covers of woven polyester nylon material shall be installed over the standard vinyl seats shall be furnished to provide increased durability. The seat cover material shall conform to Military Drawing #12468573.

A Government Data Plate shall be furnished in accordance with 3.8.1 and be permanently mounted on the left front door jam. A vehicle shipping plate in accordance with Mil. Std. 2091 shall be furnished.

Vehicles shall be available with non-gloss paint colors sand, code NGDS, forest green, code NGFG, or tri-color camouflage, code TCCP. Painting shall be in accordance with MIL-HDBK-1223 and code ECTD. Paint color is to be specified by the ordering agency.

3.7.1.80 CODES "MEW" AND "MHW" ELECTRIC AND HYDRAULIC WINCH

When code MEW (electrically driven) or MHW (hydraulically driven) is specified, a commercially available, non-hoisting, front mount, self-recovery winch assembly with fairlead shall be provided. The winch shall permit not less than a 23-degree angle of approach, unless the

vehicle is also equipped with a snowplow mount, and suitable for assisting the vehicle in negotiating difficult terrain. The winch shall be supplied with the manufacturer's standard length and diameter of galvanized aircraft or equal wire rope with minimum breaking strength exceeding the maximum single line pull rating of the winch and minimum requirements for single line pull rating, length, and diameter shown below. Winch assemblies shall include the winch manufacturer's recommended standard mount(s) providing for transfer of winching forces to the vehicle frame and shall place the winch as close to vehicle frame as practical. Acceptable mounts will include grill/brush guard type, heavy-duty bumper type, or behind the bumper type. Wire rope shall include replaceable clevis hook. Inside the cab winch controls shall be provided for hydraulically driven winches. Minimum 3 m (10 ft) remote controls removable for security and storage and permitting in-cab operation of the winch shall be provided for electric winches. Winches shall have forward and reverse drum drive and free spooling. When electrically powered winches are furnished, the vehicle shall be furnished with the OEM heaviest duty capacity optional battery and alternator for model truck specified.

Winch Application			
Vehicle GVWR	Single Line Pull Rating	Length Wire Rope	Wire Rope Diameter
kg (lb)	(min)	(min)	(min)
kg (lb)	kg (lb)	m (ft)	mm (in)
under 3855 (8500)	3636 (8,000)	25 (80)	8 (5/16)
3855-4536	4318 (9,500)	30 (100)	10 (3/8)
over 4536 (10,000)	5455 (12,000)	30 (100)	10 (3/8)

3.7.1.81 CODE "MF" FLOOR MATS

When code MF is specified, floor mats shall be provided.

3.7.1.82 CODE "MFDV" METAL FLOOR DELIVERY VAN

When code MFDV is specified, an all metal floor with safety tread sheet shall be provided. The sheet shall be not less than 12-gauge (0.1046 in), except for step treads which shall be not less than 18-gauge (0.0478 in). Crossmembers shall be of sufficient spacing and strength to withstand the following loads: a) evenly distributed load of 2,500 lbs on the load floor; and b) concentrated load of 1,000 lbs over a 30 inch lateral by 96 inch longitudinal area on both the left and right side of the van box. When an aluminum body (code AL) is specified, floor shall be of extruded aluminum dry freight construction with strength at least equal to above loading conditions.

3.7.1.83 CODE "MHP" PIPE AND CONDUIT HOLDER

When code MHP is specified, the overhead ladder racks shall include a minimum 3 m (10 ft) pipe and conduit holder. The pipe and conduit holder shall be a minimum of 15 cm (6 in) in diameter with and have end closures. This unit may be shipped separate from the vehicle.

3.7.1.84 CODE "MIL", "MIL1" AND "MIL2" MILITARY MARKINGS, AND DATA PLATES

When code MIL is specified, markings, data plates and DD Form 250s shall be provided in accordance with the requirements of the service.

When code MIL1 is specified, Navy license plates shall be provided in accordance with 3.1.1.2 of Federal Standard Number 794.

When MIL2 is specified, Army license plates shall be provided.

**3.7.1.85 CODE "MPS" SNOW PLOW, REVERSIBLE**

When code MPS is specified, a snowplow with an electrohydraulic or mechanical-hydraulic raising and angling mechanism, and auxiliary lights shall be installed on the vehicle. The snowplow, when fully angled, shall equal the widest part of the truck excluding mirrors and hubcaps. It shall be frame mounted with quick disconnect locking fasteners and shall be capable of angling at least 30° to each side. Hydraulic lines shall be quick disconnecting type. The weight of the total snowplow assembly shall not cause the vehicle manufacturer's front axle rating to be exceeded. The plow shall be shipped in the load space and lights shall be shipped within the cab when possible. Brackets and connections shall be installed on all vehicles to enable ready installation of the lights and snowplow at the destination. Snowplow and lights shall be installed on the first vehicle to assure proper operation, and they may be removed for shipment after Government inspection. Height of moldboard shall be a minimum of 68 cm (27 in) on vehicles over 3,864 kg (8500) GVWR. Includes code SZ.

**3.7.1.86 CODE "MPT" BODY PAINTED TO MATCH CAB**

When code MPT is specified, the van body exterior shall be the same color as the cab.

**3.7.1.87 CODE "MRS, MRR, MRB" STROBE TYPE WARNING LIGHT**

A strobe type, 360° warning light shall be furnished and mounted with reinforcement at point of attachment, on vehicle centerline on top of the cab or driver's compartment. The light shall be operated by means of a separate switch with an amber indicator light located on the instrument panel and marked to indicate function of the switch. The warning light shall be an integral solid-state unit, having a minimum of 15 joules per main flash, with a double flash rate of 90 plus or minus 15 flashes per minute. The strobe light unit shall include an optic lens/cover mounted in a weatherproof housing with a corrosion resistant metal base. Housing shall be no larger than 22 cm (8-1/2 in) high by 23 cm (8-3/4 in) base diameter. At the option of the manufacturer or when specified, the warning light shall be removed for shipment. When removed, the light shall be stowed within the vehicle or may be shipped separately, and the roof opening shall be provided with a weather-tight cover. Provisions for reinstalling the light, including access to the light wiring and mounting devices from inside the vehicle, shall be provided.

When code MRS is specified, the light shall be amber.

When code MRR is specified, the light shall be red.

When code MRB is specified, the light shall be blue.

**3.7.1.88 CODE "MSC" COLD WEATHER PROTECTION**

When code MSC is specified, the cooling system shall be protected to minus 48°C (minus 55°F) with a 60/40 solution of ethylene glycol or equal permanent type antifreeze having rust inhibiting additives and water. A fuel line heater to protect from fuel gelling down to -54°C (-65°F) and an engine block heater to ensure oil flow down to -54°C (-65°F) shall be provided. A cold weather starting device is to be provided (i.e., glow plug, etc). Two heavy-duty batteries rated at a minimum of 650 CCA each and a heavy-duty alternator with a minimum rating of 115 amps shall be provided. If electrical load is increased, alternator capacity must be sufficient to keep the batteries in a fully charged condition.

**3.7.1.89 CODE "MSW" FLIGHTLINE VAN CONVERSION**

When code MSW is specified, delivery van with cutaway cab, shall be provided with body complying with the requirements specified for option code DVAL. The following option codes shall be incorporated, unless otherwise specified: CCH, CCW, DCL, MFDV,

RDSH, and SEM. Van bodies shall be fiberglass reinforced plywood (code FG), unless specified to be aluminum (code AL). The junction of the van body and the cutaway cab shall be sealed by a gasket designed specifically for a cutaway van. All screws used on the body to fasten window assemblies, reflectors, lamps, and fender flares shall be stainless steel. Routing of all wiring and hoses shall avoid interference with any moving parts. The front bulkhead shall have a walk thru opening min. 60 cm (24 in) width and min 120 cm (48 in) height. Opening shall be reinforced, and trimmed with a protective molding on the sides and a head pad on top. The minimum interior height of the van body shall be 178 cm (70 in). All windows used in the body shall be watertight and of first quality as used by quality builders in motor and mobile home construction. The contractor shall employ configuration control methods to ensure that the completed vehicles, to include the after-market body, are configured the same, regardless of destination or location of manufacturer's facility(s).

**3.7.1.90 CODE "MWW" REMOVABLE WINCH**

Code MCT required. When code MWW is specified, a removable, dual-position self-recovery 12-volt winch rated at 4,090 kg (9,000 lb) minimum shall be furnished. The winch shall be combination mounted with mounting brackets and hookups located both front and rear. One plug in remote control unit with a minimum 3.5 m (12ft) lead shall be furnished. Winch cable length shall be a minimum of 30m (100 ft). Cable diameter shall be 7.94 mm (0.3125 in). Front and rear power receptacles shall be wired with 1 gauge electrical cable, be weather resistant, and polarized. A lockable storage box mounted in the pickup bed for accessories shall be furnished. A heavy duty accessory kit which includes a snatch block, tree protector, shackle, gloves, choker chain, and a 7.62 cm x 9.1 m (3 in x 30 ft) recovery strap. These items shall be stored in a camouflage soft carry case. The Dual Alternator Option (factory) shall be included. Note: Not available when code MCTE 5,000 Watt generator nor code DCG vehicle mounted air compressor is ordered.

**3.7.1.91 CODE "ORM" OFF ROAD BODY MOUNTING**

When code ORM is specified for a utility body an off-road mounting system shall be provided that will allow flexing of the truck frame independent of the utility body.

**3.7.1.92 RESERVED****3.7.1.93 CODE "PCI" COMPARTMENT INTERIOR PAINT**

When code PCI is specified, all cabinet and door interiors shall be completely prepared, primed, and finished painted with the same finish paint as the exterior of the body.

**3.7.1.94 CODE "PD" PANEL REAR DOORS**

When code PD is specified, double rear panel type doors, hinged at the sides with fixed glass windows, shall be provided.

**3.7.1.95 CODE "PRS" PASSENGER RESTRAINT SYSTEM**

When code PRS is specified, an OEM right front passenger air bag supplemental restraint system shall be provided.

**3.7.1.96 CODE "PSM" PARTS AND SERVICE MANUALS**

When code PSM is specified, a parts list, or book, all shop repair manual(s) for the vehicle and equipment shall be furnished.

**3.7.1.97 CODE "PT" POWER TAKEOFF OPENING**

When code PT is specified, the designated transmission or transfer case shall be provided with a usable PTO opening.

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When a PTO unit is provided on a vehicle, a caution plate or decal reading, "Do not operate vehicle at highway speeds with PTO engaged", shall be installed in the cab, readily visible to the driver. Controls to operate the power takeoff shall be located in the truck cab accessible to the seated driver. The PTO unit shall have a rated capacity to operate the provided equipment.

### 3.7.1.98 CODE "PWL" POWER WINDOWS AND LOCKS

When code PWL is specified, the OEM power windows and power locks option shall be provided.

### 3.7.1.99 CODE "RA" AM/FM/CLOCK RADIO

When code RA is specified, the OEM AM/FM radio with integrated clock shall be furnished.

### 3.7.1.100 CODE "RACS" INTEGRAL CASSETTE PLAYER

When code RACS is specified, the OEM AM/FM/Clock radio with integrated cassette player shall be provided.

### 3.7.1.101 CODE "RAD" INTEGRAL DISC PLAYER

When code RAD is specified, the OEM AM/FM/Clock radio with integrated compact disc player shall be provided.

### 3.7.1.102 CODE "RB" RUNNING BOARD

When code RB is specified, running boards shall be furnished. The running boards shall be securely mounted to the frame of the vehicle to prevent flexing when used by vehicle occupants during entry and exit.

### 3.7.1.103 CODE "RD" REAR ELECTRIC DEFROSTER

When code RD is specified, the OEM rear window electric defogger/defroster shall be furnished.

### 3.7.1.104 CODE "RDSH" REAR DOOR, SIDE HINGED

When code RDSH is specified, two side hinged, full width doors, both with an inner stop, with one key-locking handle on the curbside door, capable of swinging 270 degrees, shall be provided. Four fixed windows, two in each door, with not less than 1,239 sq cm (192 sq in) per window. Both doors shall have substantial latch operating handles inside and outside. Each door shall have a heavy duty latch at the top and the bottom of the door. Retainers shall be installed on the side of the vehicle to secure the doors in the open position to the side of the vehicle. Rubber socket holdback devices are not acceptable. Doorstops shall be provided to prevent the door or door handle from contacting the side or glazing when the door is opened.

### 3.7.1.105 CODE "RF" RUBBER FLOOR COVERING

When code RF is specified, a rubber or vinyl floor cover shall be provided.

### 3.7.1.106 CODES "RH1, RH2, RH3, AND RH4" OEM TRAILER HITCH PROVISIONS AND DRAW BAR RECEIVER

Code RH1—Provisions ( $\frac{3}{4}$  in. hole) for a class I, weight carrying, trailer hitch ball, shall be provided in rear bumper. Rear bumper and its mounting shall be capable of withstanding, as a minimum, a vertical weight of 90 kg (200 lbs) and pulling a trailer weighing a maximum of 910 kg (2,000 lbs). Code TLP Trailer Lighting Package shall be provided.

Code RH2—Provisions ( $\frac{3}{4}$  in hole) for a class II, weight carrying, trailer hitch ball, shall be provided in rear bumper. Rear bumper and its mounting shall be capable of withstanding, as a minimum, a vertical weight of 160 kg (350 lbs) and pulling a trailer weighing a maximum of 1585 kg (3,500 lbs). Code TLP Trailer Lighting Package shall be provided.

Code RH3—A receiver with a 5x5 cm (2x2 in) square opening for a Class III trailer towing draw bar shall be provided. The receiver shall be frame mounted and capable of withstanding, as a minimum, a vertical weight of 225 kg (500 lbs). and pulling a trailer weighing a maximum of 2,267 kg (5,000 lbs). Code TLP Trailer Lighting Package shall be provided.

Code RH4—A receiver with a 5x5 cm (2x2 in) square opening for a Class IV trailer towing draw bar shall be provided. The receiver shall be frame mounted and capable of withstanding, as a minimum, a vertical weight of 544 kg (1,200 lbs). and pulling a trailer weighing a maximum of 5,442 kg (12,000 lbs). Code TLP Trailer Lighting Package shall be provided.

### 3.7.1.107 CODE "RHD AND RHDx" RIGHT HAND DRIVE AND RIGHT HAND DRIVE FOR EXPORT ONLY

When code RHD is specified, the OEM optional right hand drive configuration shall be provided. When code RHDx is specified, the right hand drive configuration shall be provided as a part of the OEM export package.

### 3.7.1.108 CODE "RKE" REMOTE KEYLESS ENTRY

When code RKE is specified, the OEM optional remote keyless entry system shall be furnished.

### 3.7.1.109 CODE "RL" REAR LINING, CARGO VAN

When code RL is specified, the rear compartment shall be lined with the OEM van-wagon panels.

### 3.7.1.110 CODE "RM" EXTRA WIDE MIRRORS, CAMPER STYLE

When code RM is specified or when a body furnished is 15 cm (6 in) or more wider than the cab, dual swing away/adjustable camper style mirrors, minimum 390 sq cm (60 sq in) each shall be furnished and mounted to provide an adequate view to the rear with any body that may be mounted. These mirrors are recommended for dual rear wheel trucks, or for trailer towing only. Stake bed, dump, and multistop van trucks shall be provided with dual swing away, western styled, adjustable combination (flat and convex) mirrors. Each combination mirror, including any convex surface, shall have at least 390 sq cm (60 sq in) of reflective area unless otherwise specified in the tables. For direct delivery, large style mirrors may be shipped dismantled within the vehicle.

### 3.7.1.111 RESERVED

### 3.7.1.112 RESERVED

### 3.7.1.113 CODE "S5" FIVE PASSENGER SEATING

When code S5 is specified, 5 passenger seating shall be furnished and the rear AC/heat unit may be deleted.

### 3.7.1.114 CODES "S8, S9, AND S12" PASSENGER SEATING

When code S8, S9, or S12 is specified, seating for 8, 9, or 12, respectively, passengers shall be provided. Provisions for ease of ingress and egress to the rear seating positions shall be provided. Center and rear seats shall be of the removable or foldaway type.

### 3.7.1.115 RESERVED

### 3.7.1.116 CODE "SCC" VAN INDIVIDUAL SEATING

When code SCC is specified, individual high back seats shall be provided in the first and second row (minimum capacity remains at seven passengers).

**3.7.1.117 CODE "SE" SLIDING TYPE SIDE DOOR**

When code SE is specified, the OEM sliding type side door shall be furnished.

**3.7.1.118 CODE "SEM" SLIDING DOOR**

When code SEM is specified, the delivery van shall have a sliding side door installed on the curbside. This door shall open from front to rear and have a 50 cm (20 in) by 61cm (24 in) (nominal) fixed glass window, minimum 3,030 sq cm (470 sq in), located in the door at the same height as the driver and passenger door windows. The door is to be sealed to withstand hard driving rain and provide a method to prevent moisture from accumulating in the door enclosure area. The sliding side door will have a 53 cm (21 in) wide by 178 cm (70 in) high opening with a step height of less than 48 cm (19 in) from the ground. Abrasive nonskid floor surfacing material or rubber scuff plates in the step well of the sliding door area is required. A locking handle shall be operable from inside and outside the door. Door must be capable of being secured in the open position to prevent movement when vehicle is in motion.

**3.7.1.119 CODE "SK" METRIC ODOMETER**

When code SK is specified, the odometer shall show cumulative distance in kilometers.

**3.7.1.120 CODE "SP" SKID PLATES**

When code SP is specified, protective plates, or shields, shall be provided. The OEM skid plate(s) shall provide protection for at least the transfer case. The skid plates shall be demountable for service of the components they protect. Sufficient openings shall be provided to enable draining of transmission and servicing the underside of the engine. A ground clearance of 38 cm (15 in) or less automatically requires these plates.

**3.7.1.121 CODE "STC" OUTSIDE SPARE TIRE**

When code STC is specified, the OEM exterior spare tire carrier, or underbody mount, shall be provided.

**3.7.1.122 CODE "SZ" SNOW PLOW PREP PACKAGE**

When code SZ is specified, the vehicle requires the OEM snowplow preparation package or OEM recommended snowplow preparation equipment if an option is not available. When electrohydraulically raised plow is furnished, manufacturer's optional heaviest duty capacity alternator and battery shall be furnished.

**3.7.1.123 CODES "SL1" AND "SL2" LEFT SIDE SPOTLIGHT AND RIGHT SIDE SPOTLIGHT**

When code SL1 is specified, an OEM clear spotlight controlled from the interior of the vehicle shall be furnished on the driver's (left) side. When code SL2 is required, a spotlight shall also be furnished on the passenger (right) side.

**3.7.1.124 CODE "SRG" SLIDING REAR WINDOW**

When code SRG is specified, the OEM sliding rear glass window shall be furnished.

**3.7.1.125 CODE "SRS" DRIVER RESTRAINT SYSTEM**

When code SRS is specified, the OEM drivers side air bag supplemental restraint system shall be furnished.

**3.7.1.126 CODE "ST" SPARE TIRE ASSEMBLY CARRIER**

When code ST is specified, the spare tire furnished shall be mounted vertically above the floor level.

**3.7.1.127 RESERVED****3.7.1.128 CODES "T4", "T5", AND "T6" FOUR, FIVE, AND SIX SPEED MANUAL TRANSMISSION**

When code T4, T5, or T6 is specified, a four, five, or six speed manual transmission, respectively, shall be furnished. The transmission shall be furnished with a PTO opening(s) in accordance with SAE J704, unless an exception is noted under the code.

**3.7.1.129 CODE "TD" DELETE SPARE TIRE ASSEMBLY**

When code TD is specified, the spare tire assembly shall not be furnished.

**3.7.1.130 CODE "TS" TILT STEERING**

When code TS is specified, the OEM tilt steering wheel shall be furnished.

**3.7.1.131 CODE "TLP" TRAILER LIGHTING PACKAGE**

When code TLP is specified, a trailer lighting package consisting of a lighting receptacle and wiring shall be installed on the rear of the vehicle. The lighting receptacle, conforming to SAE J895 or J1239 with its conductors connected and color coded as specified therein, shall be mounted in a readily accessible location near the receiver location.

**3.7.1.132 CODE "UFT" TOP OPENING COMPARTMENTS**

When code UFT is specified, a body with added top opening compartments shall be provided. Top opening lids shall be full length and nominal width of the compartment tops and supported by gas springs, minimum one at each end of door lid. Top opening compartment shall be provided with a minimum of 15 adjustable dividers per side. The maximum height in Table A may be increased by up to 4 cm (1.5 in).

**3.7.1.133 CODE "UOR" AND CODE "USM" OVERHEAD RACKS WITH LADDER CLAMPS AND SIDE LADDER RACK FOR SUPERSTRUCTURE BODY**

When code UOR is specified, removable overhead racks with adjustable brackets for transportation only of ladder(s) shall be provided. When code USM is specified, side mounted ladder racks shall be provided. Code USM requires code USS or USS2. All ladder racks shall be equipped with adjustable chain or spring hold down devices.

**3.7.1.134 CODE "UPR" PIPE RACKS**

When code UPR is specified, a pipe rack mounted on top of the curbside cabinet shall be furnished. The front of the rack shall permit the pipes to clear the cab door. The rack shall be equipped with adjustable chain or spring hold down devices.

**3.7.1.135 CODE "URH" ROPE HOOKS**

When code URH is specified, a minimum of four rope hooks, in lieu of adjustable shelves, shall be furnished inside a vertical cabinet.

**3.7.1.136 CODE "URO" OVERHEAD RACKS WITH LADDER CLAMPS**

When code URO is specified, removable overhead ladder racks with adjustable brackets shall be provided. Not available with codes USS and USS2.

**3.7.1.137 CODE "USS" AND "USS2" SUPERSTRUCTURE BODY AND SUPERSTRUCTURE BODY WITH EXTRA INTERIOR LOADSPACE HEIGHT**

Requires code BHP. When code USS or USS2 is specified, the utility body shall have a center load space; cabinets on each side of the

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body, with doors opening from the outside; equipment racks above the cabinets, with openings to the inside of the body; a fixed weather tight roof (superstructure) over the load space; and double doors at the rear. The body shall conform to Table B dimensions. A bulk-head fixed safety glass window shall be provided and aligned with the rear cab window.

Double rear doors, hinged at the sides shall be provided and shall completely enclose the body interior. The doors shall be equipped with safety glass windows in the upper section, door locks with cylinder locks, and retainers for keeping the doors in open position. The doors shall be equipped with seals to prevent the entry of dust and water. The center load space shall be painted the same color as the exterior.

### 3.7.1.138 CODE "UTC" SPARE TIRE CARRIER IN LOAD SPACE

When code UTC is specified, a vertically mounted tire assembly on a carrier shall be furnished located in the front end of the load space behind the cab. When a load space roof prevents vertical mounting, the tire assembly may be secured horizontally in the load space.

### 3.7.1.139 CODE "UTR" TELESCOPING ROOF

When code UTR is specified, a telescoping roof and end gate enclosure shall be furnished. The telescoping roof shall be provided with automatic catches that lock the roof in full open and full closed positions. The roof shall be constructed to insure proper roof drainage. The end gate or door enclosure shall have side opening style doors, or two part folding, or single type that can be swung up without interference, and laid on the roof. A single handle, with key lock, that operates two latches, one on each side, shall be furnished on the end gate enclosure. The load area shall be painted the same color as the body exterior.

### 3.7.1.140 CODE "UVB" VICE BRACKET AND PIPE REST

When code UVB is specified, a removable pipe vise bracket and pipe rest shall be furnished on the right side cabinets at rear. The vise plate shall be horizontal, attached to a sliding bar and locked in place by a vertical pin.

### 3.7.1.141 CODE "VU" VINYL INTERIOR

When Code VU is specified, manufacturer's optional vinyl interior in lieu of cloth shall be furnished.

### 3.7.1.142 CODE "VR" ROOF VENTILATOR

When code VR is specified, two roof type, static ventilators shall be furnished having controls for opening and closing on the inside of the van body. Roof vents shall be on center at the front and rear of cargo box.

### 3.7.1.143 CODE "WA" WIDE TREAD REAR AXLE

When code WA is specified, the manufacturer's extra wide tread axle shall be furnished providing a minimum of 234 cm (92 in) overall width. Includes code RM.

### 3.7.1.144 CODE "WD" CARGO DOOR WINDOWS

When code WD is specified, window(s) shall be furnished in the curb side cargo door(s).

### 3.7.1.145 CODE "WF" WOOD FLOORING

When code WF is specified, pressure treated dense southern yellow pine shall be used in the construction of the wood flooring.

### 3.7.1.146 CODE "ULCL AND ULCR" LONG HORIZONTAL COMPARTMENT

A horizontal compartment that runs from behind the front vertical cabinet to the rear of the body and one vertical cabinet located to the rear of the wheel housing and below the horizontal compartment shall be supplied.

When code ULCL is specified, the horizontal compartment shall be located on the left (street) side of the body.

When code ULCR is specified, the horizontal compartment shall be located on the right (curb) side of the body.

### 3.7.1.147 RESERVED

### 3.7.1.148 CODE "WY" WINDOWS, ALL SIDES

When code WY is specified, OEM windows shall be provided on all sides of the vehicle.

### 3.7.1.149 CODE "XL" EXTRA LONG BODY

When code XL is specified, the OEM extra long body shall be furnished.

### 3.7.1.150 CODE "XS" SHORT BODY VAN

When code XS is specified, the OEM shortest van body shall be furnished.

### 3.7.1.151 CODE "XW" EXTRA WIDE LOAD SPACE

When code XW is specified, a minimum 137 cm (54 in) wide center load space shall be provided. Includes a wide track axle.

### 3.7.1.152 CODE "YD" DIESEL ENGINE

When code YD is specified, OEM maximum power diesel engine available for the specified application, including cold weather operation equipment, shall be furnished. All engines are approved for operation on JP-8.

## 3.8 STANDARD, AND ADDITIONAL REQUIREMENTS

### 3.8.1 MARKINGS, DATA PLATES, AND INFORMATION

Unless otherwise specified, caution, instructional, and informational plates/decals/labels shall be conspicuously installed for all equipment requiring such notices. Each vehicle shall be provided with a copy of all applicable warranty documents in the cab compartment. A decal, sticker or window label shall be provided in each vehicle with the following information: contract number and purchase order number; date of delivery, month and year; and the Government contact name, address and phone number.

### 3.8.2 OPERATOR'S, SERVICING, AND PARTS MANUALS

Contractor shall furnish all handbooks including at least one each of the following: operator's handbook, maintenance handbook and parts list for any furnished special equipment and all warranties for each vehicle. When code PSM is specified, parts list or book, and shop repair manual(s) for the vehicle and equipment furnished shall be provided.

### 3.8.3 PREDELIVERY INSPECTION AND SERVICING

Prior to the acceptance of the vehicle(s), the contractor, at his plant or at the manufacturer's authorized dealership of the same make, shall perform final predelivery inspection. This inspection shall include



the predelivery servicing, lubricating, adjustments, appearance cleaning, and everything necessary to make-ready to use and operate the vehicle and the furnished contracted equipment. The predelivery servicing shall be performed in accordance with the equipment and vehicle manufacturer's prescribed form. Servicing shall comply to the ambient temperatures and conditions applicable with the route of transport and the consignee's ultimate destination and area of operation. All vehicle cooling systems shall be protected with a minimum 50/50 solution of permanent type antifreeze and water. Dealer or installer shall not affix any decals, plates, logos or other dealer or installer identification to the vehicle.

### 3.8.3.2 DEALER DELIVERY

Unless otherwise specified, dealer delivery is required. The contractor shall have the final predelivery inspection and servicing performed at an authorized dealer of the same make nearest to the destination. Following predelivery servicing, the dealer shall notify the person/office designated on the delivery order, that the vehicle is ready for pick up.

### 3.8.4 WORKMANSHIP

- A. Vehicles shall be free from defects that may impair their serviceability or detract from appearance.
- B. All bodies, systems, equipment and interfaces with the chassis shall be done in accordance with the OEM Body Builders Book.
- C. Defective components shall not be furnished. Parts, equipment and assemblies which have been repaired or modified to overcome deficiencies shall not be furnished without the approval of the purchaser. Component parts and units shall be manufactured to definite standard dimensions with proper fits, clearances and uniformity. General appearance of the vehicle shall not show any evidence of poor workmanship.
- D. The following shall be reason for rejection:
  1. Rough, sharp, or unfinished edges, burrs, seams, corners, and joints.
  2. Paint runs, sags, orange peel, "fish eyes" etc.
  3. Body panels or components that are uneven, unsealed, or contain cracks and dents.
  4. Misalignment of body fasteners, glass, viewing panels, light housings, other items with large or uneven gaps, spacing etc. such as door, body panels, and hinged panels.
  5. Improperly fabricated and routed wiring or harness.
  6. Improperly supported or secured hoses, wires, wiring harnesses, mechanical controls, etc.
  7. Interference of chassis components, body parts, doors etc.
  8. Leaks of any gas, vacuum, or fluid lines (air conditioning, coolant, oil, etc.).
  9. Noise, panel vibrations, etc.
  10. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction.
  11. Incomplete or improper welding, riveting or bolting.
  12. Lack of uniformity and symmetry where applicable.

### 3.8.5 STATEMENT OF ORIGIN OR BILL OF SALE

Unless otherwise specified, manufacturer's Statement of Origin and/or Bill of Sale showing the applicable purchase order number for each vehicle procured shall be provided. The document shall be forwarded to the consignee mailing address, or to the office indicated, prior to shipment. Vehicle title/registration and safety/emission tests are the responsibility of the requisitioning agency.

### 3.8.6 OVERSEAS VEHICLE REQUIREMENTS

Export vehicle(s) shall conform to applicable FMVSS of U.S.A. Vehicles shall be supplied with OEM export configuration.

Unless otherwise specified, the speedometer shall indicate speeds in both miles and kilometers and the odometer shall show cumulative distance in either kilometers or miles.

## 3.9 WARRANTY

### 3.9.1 WARRANTY COVERAGE

The contractor shall provide the OEM commercial whole vehicle (bumper-to-bumper) warranty. This coverage shall be for at least three (3) years from date of acceptance or thirty six thousand (36,000) miles, exclusive of accumulated drive away mileage, whichever occurs first. Refer to the manufacturer's warranty for precise terms and conditions.

The contractor shall provide the manufacturer's warranty for equipment provided in addition to the OEM vehicle. The warranty shall cover parts failure or malfunction due to design, construction or installation errors, defective workmanship and missing or incorrect parts for a minimum of twelve (12) months or twelve thousand (12,000) miles of operation, exclusive of any accumulated drive away mileage, whichever occurs first. For foreign use vehicles, the period shall be fifteen (15) months. The warranty begins when the Government accepts the vehicle at its destination.

#### 3.9.1.1 WARRANTY, ADDITIONAL COVERAGE

Additional warranties shall have the same coverage as the original warranty. The OEM shall provide the additional warranties. When the following codes are specified, additional warranty periods, as indicated, shall be furnished:

Code AW1, 12 months or 12,000 miles (total warranty coverage of 48 months or 48,000 miles), whichever comes first.

Code AW2, 24 months or 24,000 miles (total warranty coverage of 60 months or 60,000 miles), whichever comes first.

Code AW3, 36 months or 36,000 miles (total warranty coverage of 72 months or 72,000 miles), whichever comes first.

### 3.9.2 CORROSION COVERAGE

The contractor shall provide the chassis manufacturer's commercial corrosion warranty coverage. This coverage shall be for at least 5 years/100,000 miles. This coverage applies only to domestic use vehicles.

### 3.9.3 EMISSION CONTROL SYSTEM

The contractor shall provide the OEM emission control system warranty, which shall be in conformance with applicable regulations of the Federal Environmental Protection Agency and the California Air Resources Board.

### 3.9.4 DOMESTIC USE

When vehicles are used within the fifty States of the United States, the District of Columbia, Puerto Rico and the Virgin Islands, the warranty shall include furnishing, without cost to the Government (FOB contractor's nearest dealer or branch to vehicle's location or station), new parts and assemblies to replace any that failed or malfunctioned within the warranty period. In addition, when the Government elects to have the work performed at the contractor's plant, branch, dealer, or with the contractor's approval: (i) to correct the vehicle itself or (ii) to have the vehicle corrected by a commercial

garage facility, the cost of the labor involved in the replacement of the failed or malfunctioned parts or assemblies shall be borne by the contractor.

### 3.9.5 FOREIGN USE

When vehicles are used outside the fifty States of the United States, the District of Columbia, Puerto Rico and the Virgin Islands, the warranty shall include the furnishing of new parts or assemblies to replace any returned to the contractor by the Government which failed or malfunctioned within the warranty period. The replacement parts or assemblies shall be delivered by the contractor to the port of embarkation in the United States designated by the Government. The contractor shall not be required to bear the cost of the labor involved in correcting defects in vehicles operated in foreign countries.

### 3.9.6 WARRANTY EXTENSIONS

If the contractor receives from any supplier or subcontractor additional warranty coverage on the whole or any component of the vehicle, in the form of time and/or mileage including any pro rata arrangements, or the contractor generally extends to his commercial customers a greater or extended warranty coverage, including anti-corrosion, powertrain or emission, the Government shall receive corresponding warranty benefits.

## 4. Quality Assurance Provisions

### 4.1 RESPONSIBILITY FOR INSPECTION

Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements specified herein. The supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections deemed necessary to assure that supplies and services conform to prescribed requirements.

### 4.2 CLASSIFICATION OF INSPECTIONS

The purchaser will specify the inspection(s) required for each vehicle. The inspections are classified as follows:

- (a) Source inspection (4.2.1).
- (b) Destination examination (4.2.2).
- (c) First production vehicle inspection (4.2.3).

#### 4.2.1 SOURCE INSPECTION

When specified, vehicles shall be visually inspected upon completion, and by examination of documentation and data books, by the Government, prior to shipment from manufacturer's factory or assembly plant to determine compliance with the contract requirements.

#### 4.2.2 DESTINATION EXAMINATION

When specified, the contracted vehicle(s) shall be examined at its destination. The vehicle(s) shall be visually examined to determine compliance to the contract requirements and include the operational check of 4.2.2.1. Vehicle failures, defects, and/or shortcomings may be accepted subject to correction by the contractor/manufacturer at those points or by dealer.

### 4.2.2.1 OPERATIONAL CHECK

Operational checks shall cover all controls, systems, and devices, doors, windows, accessories, and road testing of the completed vehicle. Vehicle shall be driven at various speeds, brakes tested for dependability, checked for rattles, squeaks, and compliance to section 3 requirements.

### 4.2.3 FIRST PRODUCTION VEHICLE INSPECTION

When specified, the first production vehicle produced under contract shall be inspected by the contractor at his plant under the direction and in the presence of Government representatives. The purpose of the inspection shall be to determine vehicle conformity with the contract. Acceptance of the first production vehicle shall not constitute a waiver by the Government of its rights under the provisions of the contract. Failure of the first production vehicle to meet the requirements of the contract shall be cause for the Government to refuse acceptance of the vehicle until corrective action has been taken.

#### 4.2.3.1 VEHICLE WEIGHT

The first production vehicle shall be weighed to determine curb weight and the distribution of the curb weight on the front and rear axles. The imposed loading on the front and rear axles will be computed using the curb weight, the occupants at 68 kg (150 lb each), and the remaining payload, uniformly distributed over the vehicle load area, to determine if the GVWR is adequate. Calculated imposed loads on the front and rear axles will be utilized to ascertain that the GAWR is adequate.

#### 4.2.3.2 ROAD TEST

The first production vehicle will be examined and road tested (less payload) by the contractor to assure that the vehicle will operate in accordance with the contract requirements. The Government reserves the right to perform inspection requirements on the first production vehicle with payload where such inspections are deemed necessary to assure the vehicle will operate in accordance with the contract requirements.

#### 4.2.3.3 TRUCK BODIES, TREATMENT, AND PAINTING

The certification regarding the body cleaning, treatment, and painting as required by MIL-HDBK-1223 (see 3.6.5 and 3.6.6) shall be presented to the Government representative of the procuring activity for examination and approval.

### 4.3 GOVERNMENT VERIFICATION

Quality assurance operations performed by the contractor will be subject to Government verification at unscheduled intervals. Verification will consist of observation of the operations to determine that practices, methods, and procedures of the contractor's inspection are being properly applied. Failure of the contractor to promptly correct product deficiencies discovered shall be cause for suspension of acceptance until correction has been made or until conformance of product to specification criteria has been demonstrated.

### 4.4 PRODUCT CONFORMANCE

The products provided shall meet the salient characteristics of this standard, conform to the producer's own drawings, specifications, standards, and quality assurance practices and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

## 5. Preparation for Delivery

### 5.1 PREPARATION

Unless otherwise specified, the vehicle shall be packaged for mobile delivery in accordance with the supplier's standard commercial practice, insuring carrier acceptance and safe delivery to destination in compliance with regulations applicable to the mode of transportation. When direct delivery is specified, the fuel tank shall be filled with a minimum of 12 l (3 gal) of fuel. Unless otherwise specified, for dealer delivery, the fuel tank(s) shall be filled to at least the quarter full mark on the fuel gauge.

## 6. Notes

### 6.1 ORDERING DATA

Purchaser should select the required vehicle(s) and options from the tables. For the most expeditious requisitioning of these vehicles, use GSA Form 1781. Inspection acceptance and shipment shall be in accordance with sections 4 and 5.

#### 6.1.1 PRECAUTIONS AND OBSERVATIONS

Due to the variety of light truck models this standard must cover, the purchasers are cautioned that the options offered herein are subject to manufacturer's changes or availability. Customizing these standard vehicles with special requirements will seriously limit the number of bidders and suppliers. Most special requirement items are not offered as assembly line or factory options. Therefore, if special features or non-standard equipment is desired, procurement locally of such items after the vehicle is contracted for or received is often more advantageous. Reference the manufacturer's data books and brochures before ordering vehicle(s) with special requirements.

### 6.2 PROCEDURE TO IDENTIFY VEHICLES AND OPTIONS

The payload/passengers requirements determine the model and GVWR of vehicle desired (see 3.2.2 and 3.2.3). The requisition must identify the desired vehicle by the item number which appears above each truck (item) in the tables, followed by the code(s) shown next to the options required by the purchaser. Write in the closest exterior color desired. Recommend only the manufacturer's standard color be chosen to avoid extra cost. DO NOT repeat option codes that are already standard on a model under the item number selected.

Example to order:

Wagon van. Two-wheel drive, 7 passenger, compact van, automatic transmission, air conditioning, power steering, and radio. See Table 3.

Item 20;

Quantity - 18

Colors - 6 Blue, 6 White, 6 Tan

To order:

Regular cab, full size pickup. Two wheel drive, with payload capacity of 2,000 lb, 8 foot body equipped with std. V8 engine, automatic transmission, on-off road or all-terrain tires, special traction rear end, towing ratio, power steering, air conditioning, mixed colors. See Table 9.

Item 42; D3, D7, AT

Quantity - 33

Colors - 11 Tan, 17 Blue, 5 White

### 6.3 DEVIATION FROM FEDERAL STANDARD NO. 307

Requisitions from agencies for vehicle(s) and other systems or equipment not identified in this Standard, or for sole source options identified in this Standard, shall be accompanied by supporting justification. Such justification shall be in accordance with section 6.4, setting forth the intended use of the vehicle including a description of the terrain over which vehicle(s) will be used.

### 6.4 POLICY AND PROCEDURE

Alternate items, sole source items, and sole source options noted with symbol (\*\*) and other special equipment shall be selected by the purchasing agency to provide for overall economy, safety, efficiency, and suitability of the vehicle for the purposes intended. The agency head or his designee shall determine which vehicles require these specific additional systems or equipment, and among other factors shall consider:

- Climatic conditions prevailing in the area of operation.
- Effect on vehicle operational capabilities.
- Special terrain requirements.
- Availability of maintenance and service facilities.
- Fuel availability and cost.
- Delivery delays of completed vehicle, due to customizing specified.

### 6.5 ENERGY POLICY REQUIREMENTS

The fleet fuel economy average of light trucks acquired by an Executive Agency must meet or exceed the average fuel economy standard for the appropriate model year, under Executive Order 12375, dated August 4, 1982. See FPMR 101-38.104, Acquisition of Fuel Efficient Passenger Automobiles and Light Trucks.

### 6.6 NOTIFICATION

Federal Standard No. 307 includes light, four wheel drive (4X4), trucks previously contained in Federal Standard No. 292. Automobiles and station wagons appear in Federal Standard No. 122. Medium trucks are covered by Federal Standard 794. Heavy trucks are covered by Federal Standard 807.

### 6.7 WARRANTY EXCEPTIONS

Unless otherwise specified or within additional coverage under 3.9, the following items are considered normal maintenance and repair for which the contractor need not assume liability for reimbursing the Government regardless of the vehicle age or mileage.

- Abuse, negligence, or unapproved alteration of original parts.
- Damage from accidents.
- Brake and standard clutch adjustments.
- Headlamp adjustments.
- Wheel alignment or tire balancing.
- Tires, and batteries (if warranted by their manufacturers).
- Miscellaneous incurred expenses such as fuel, towing, telephone, travel, lodging, or loss of personal property.
- Damage such as atmospheric pollution, stones, hail, and wind.

**TABLE 1: Sport Utility, 2 door, 4X2 and 4X4**

The sport utility vehicle specified shall be enclosed style passenger/cargo body with fixed or removable overhead/top. These vehicles shall be furnished with an integral windshield and doors with vertical opening windows and have a cab/body enclosure. The enclosure shall be of a hardtop type. Plastic tops may be supplier's standard color. The enclosure shall be provided with side and end panel windows. Tailgate/door lid shall have windowed end panel(s) and shall be supported with stays, when opened, or have side hinged opening door. A two to three passenger OEM, removable or foldaway type rear seat shall be furnished, with the front seat(s) designed to permit easy ingress and egress for the rear seats. The spare tire shall be provided with a cover when mounted inside the body.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table

Engine Type - Gas	Carpet Floor Covering
Engine, MIN CD/cyl. - 4.0 L/6	Outside Spare on Tailgate or Underbody
Transmission - Automatic - HDA cooling	Cooling System - HDA
Differential, Ratio/Type - OEM STD	Seating CAP, MIN/Type - 4 pass./RS-bucket
Suspension/Shocks - HDA	Radio - AM/FM
Wheels, Diameter - 15 IN	Rear Window Defogger
Brakes, Type - Power/ABS	Rear Window Wiper/Washer
Steering - Power	Mirrors - Foldaway
Cloth Upholstery	Suppl. Restraint/Front Air Bags
Floor Mats	Air Conditioning

Item Number	4 X 2		4 X 4	
	2	5**	6	
Payload Min, KG (LB)	344 (760)	360 (800)	408 (900)	
Style, Enclosed	Integral top	Full Hard Top	Integral Top	
Body, Type, Size	2 Door, Lift/Tailgate, Compact	2 Door, Tailgate, Subcompact	2 Door, Lift/Tailgate, Compact	
GVWR MIN/MAX, KG (LB)	2000 (4400)/2250 (5000)	1800 (4,000)	2150 (4,750)/2250 (5000)	
Wheelbase, MIN/MAX, CM (IN)	250 (100)/260 (103)	230 (92)/240 (94)	250 (100)/260 (103)	
Tires, Type/Tread, MIN	P235/AS	P215R/AT	P235R/AT*	
Alternator/Battery, MIN	100 AMP/500 CCA	117 AMP/600 CCA	100 AMP/500 CCA	
Fuel Capacity, MIN, L (GAL)	65 (17.5)	72 (19)	65 (17.5)	
Hubs, Front Wheels Locking	N/A	OEM STD	OEM STD	
Skid Plate(s)	N/A	STD	STD	
Trailer Hitch Provision	RH1	None	RH1	
Transfer Case	N/A	2 SPD	2 SPD	

\*When available from chassis manufacturer, all-terrain tires shall be furnished.

It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application. Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

\*\*Indicates sole source item.

REPRESENTATIVE VEHICLES

ITEM:	4 X 2		4 X 4	
	2	5**	6	
Chrysler (C)		TJL77 Wrangler		
Ford (F)	U60 Explorer	-	U70 Explorer	
GM (G)	S10516 Blazer RHD, T4	- -	T10516 Blazer	

\*\*Indicates sole source item.



OPTIONAL EQUIPMENT CODES

O = Option available    O\*\*= Sole source    S = Standard on specified item

		4 X 2		4 X 4	
OPTION CODES		2	5**	6	
AT	All-Terrain/On-Off Road Tires, min. Rear	0	S	S	
AW1, AW2, AW3	Additional Warranty	0	0	0	
CNS	Consignee Delivery	0	0	0	
CRTS	Cruise Control/Tilt Steering	0	0	0	
D3	Special Traction Rear	0	0	0	
D7	Towing/Mountain Axle Ratio	-	0	0**(G)	
DTG	Dark Tinted Glass (Behind Front Seat)	0	0	0	
EH	Block Heater OEM	0	0	0	
FTH	Front Tow Hooks	-	0	0	
MIL	Military Data Plate	0	0	0	
MIL1	Navy License Plate	0	0	0	
MIL2	Army License Plate	0	0	0	
PWL	Power Windows and Locks	0	-	0	
PSM	Parts and Service Manuals	0	0	0	
RACS	AM/FM Radio w/Integral Cassette Player	0	0	0	
RAD	AM/FM Radio w/Integral CD player	0	0	0	
RH3	Class 3 Draw Bar Receiver	0	-	0	
RB	Running Boards	-	-	0	
SK	Metric Odometer	0	0	0	
T5	Manual Transmission	0	0	0	
TS	Tilt Steering	0	0	0	
VU	Vinyl Upholstery	-	0	-	

Notes:

- Limit 4,000 lbs max. items 2 and 6 with T5.
- Weight distribution hitch required for Items 2 and 6 (G).
- Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 1 : Sport Utility, 2 door, 4X2 and 4X4

TABLE 2: Sport Utility, 4 door, 4X2 and 4X4

The sport utility vehicle specified, shall be of the enclosed integral cab and body type, mounted on chassis frame, equipped for transporting personnel and cargo. The cab compartment shall be as specified in 3.6.1. The body shall be not less than 4-door type, with vertical opening windows in the side doors; interior trimmed side panels and doors, roof with full length headliner, and upholstered forward facing seat(s) with backs for driver and passengers. The front seat for Items 101, 102, 106 and 108 shall be a 3 passenger bench or split seat. The spare tire shall be provided with a cover when mounted inside the body.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Engine Type - Gas	RH2 Trailer Hitch provisions (1.9"CM[.75in] hole)
Brakes, Type - HDA, ABS, front and rear wheels	Suspension/Shocks - HDA
Radio - AM/FM	Cooling System - HDA
Rear Window Defogger	Intermittent Wipers
Cloth Upholstery	Supplemental Restraint System w/front air bags
Carpet Floor Covering	Passenger Restraint System
Floor Mats	

4 X 2

ITEM NO.	98	100	100A	100B	101**	102
SIZE	Compact	Compact	Intermediate	Intermediate	Full	Full
PAYLOAD MIN, KG (LB)	476/(900)	450 (1000)	1300	590 (1300)	680 (1500)	839 (1850)
Style	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door
GVWR MIN, KG (LB)	1734 (3,814)	2050 (5,000)	2517/(5,550)	2800 (6,000)	3000 (6,600)	3860 (8,510)
Wheelbase, MIN/max., CM (IN)	246 (97)	256 (101)/289 (114)	287 (113)	MIN 294 (116)	MIN 330 (130)	MIN 330 (130)
Engine, MIN CD/Cyl.	2.5 L/6	3.7 L/6	4.2 L/6	4.6 L/8	5.3 L/8	6.0 L/8
TransmissionAuto-HDA Cooling	Auto-HDA Cooling	Auto-HDA Cooling	Auto-HDA Cooling	Auto-HDA Cooling	Auto-HDA Cooling	Auto-HDA Cooling
Differential, Ratio/Type	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD
Steering, Tilt	Optional	Optional	STD	STD	STD	STD
Wheels, Dia. Minimum	15 in	15-16 in.	15 in	16 in	16 in	16 in
Tires, Type/Tread, MIN	P215/R/AS	P205/R/AS	235/R/AS	P235/R/AS	P235/R/AS	LT245/R/AS Road
Alternator/battery	70 AMP/590 CA	100 AMP/500 CCA	135 AMP/600 CCA	130 AMP/600 CCA	130 AMP/600 CCA	130 AMP/600 CCA
Fuel Capacity, MIN, L (GAL)	60/(16)	64 (17)	68 (18)	95 (25)	150 (32)	150 (38)
Body, Type	Tailgate/Swinggate	Tailgate/Swinggate	Tailgate/Liftgate	Tailgate/Liftgate	Tailgate/Liftgate	Tailgate/Liftgate and Cargo doors
Seating Capacity, MIN	5 pass	5 pass-RS	5 pass	6 pass (5 pass w/RS)	9 pass	9 pass
Air Conditioning (AC)	STD	STD	STD	STD	dual	dual
Mirrors	Low Mount	Foldaway	Low Mount	Low Mount	Low Mount	Low Mount
Rear Window Wiper/Washer	STD	STD	STD	STD (Tailgate Only)	STD	STD (Tailgate Only)
Cruise, Control	Optional	Optional	STD	STD	STD	STD

Extended Warranty Coverage may be available on these vehicles. Refer to New Vehicle Guide Warranty Section.

NOTES: \*\*Indicates sole source item.  
Items 101, 102, 106 and 108 are now standard with nine passenger seating (eight passenger with code RS) and dual air conditioning units.  
To delete the rear seat and rear air conditioning unit, use code S5 (six passenger seating standard, five passenger seating with code RS).

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Engine Type - Gas	Suspension/Shocks - HDA
Brakes, Type - HDA, ABS, front and rear wheels	Cooling System - HDA
Radio - AM/FM	Intermittent Wipers
Rear Window Defogger	Supplemental Restraint System w/front air bags
RH2 Trailer Hitch provisions (1.9 cm [.75 in] hole)	Passenger Restraint System
Floor Mats	Cloth Upholstery
Carpeted Floor Covering	

## 4 X 4

ITEM NO.	99	105	105A	105B	106**	108
SIZE	Compact	Compact	Intermediate	Intermediate	Full	Full
PAYLOAD MIN, KG (LB)	476/(1050)	450 (900)	498 (1100)	521 (1150)	680 (1500)	771 (1700)
Style	4 Door	4 Door	4 Door	4 Door	4 Door	4 Door
GVWR MIN, KG (LB)	3900	2050 (4,500)	2607 (5,750)	2800 (6,300)	3200 (7,000)	3860 (8,510)
Wheelbase, MIN/max., CM (IN)	246/97.0	256 (101)/289 (114)	294 (116)	MIN 290 (116)	MIN 330 (130)	MIN 330 (130)
Engine, MIN CD/Cyl.	2.5 L/6	3.7 L/6	5.3 L/8	5.3 L/8	5.3 L/8	6.0 L/8
Transmission	Auto	Auto-HDA Cooling	Auto	Auto-HDA Cooling	Auto-HDA Cooling	Auto-HDA Cooling
Differential, Ratio/Type	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD
Transfer Case	2 Spd.	2 Spd.	2 Spd.	2 Spd.	2 Spd.	2 Spd.
Hubs, Frt wheels locking	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD
Wheels, Dia.	15 in	16-17 in	15 in	16-17 in	16 in	16 in
Skid Plate(s)	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD	OEM STD
Tires, Type/Tread, MIN	P215/IS AS	P235/AT/00*	235/15 AT*	P245R/31x10.5/AT/00	P265/00/AT	LT245R/00/AT
Alternator/battery	70 AMP/590 CA	100A/525 CCA	130 AMP/600 CCA	100 AMP/600 CCA	100 AMP/600 CCA	100 AMP/600 CCA
Fuel Capacity, MIN, L (GAL)	60/(16)	64 (17)	68 (18)	94 (25)	160 (32)	160 (38)
Body, Type	Tailgate	Tailgate/Swinggate	Tailgate/Liftgate	Tailgate/Liftgate	Tailgate/Liftgate	Tailgate/Liftgate
Seating Capacity, MIN	5 pass	5 pass-RS	5 pass	6 pass ((w/RS-5 Pass)	9 pass-S9	9 pass-S9
Air Conditioning (AC)	STD	STD	STD	STD	dual	STD/dual
Mirrors	O.E. STD	Foldaway	O.E. STD	Low Mount	Low Mount	Low Mount
Rear Window Wiper/Washer (RWW)	STD	STD	OEM STD	STD (Tailgate Only)	STD (Tailgate Only)	STD (Tailgate Only)
Tilt Steering Wheel	Optional	Optional	STD	STD	STD	STD
Cruise Control	Optional	Optional	STD	STD	STD	STD

Extended Warranty Coverage may be available on these vehicles. Refer to New Vehicle Guide Warranty Section.

NOTES: \*When available from chassis manufacturer, all-terrain tires shall be furnished.

\*\*Indicates sole source item.

Items 101, 102, 106 and 108 are now standard with nine passenger seating (eight passenger with code RS) and dual air conditioning units.

To delete the rear seat and rear air conditioning unit, use code S5 (six passenger seating standard, five passenger seating with code RS).

**TABLE 2: Sport Utility, 4 door, 4X2 and 4X4**



**TABLE 2: Sport Utility, 4 door, 4X2 and 4X4****REPRESENTATIVE VEHICLES**

4 X 2						
ITEMS:	98	100	100A	100B	101**	102
Chrysler (C)	-	Liberty KJTH74 Grand Cherokee with E3 and CRTS	Durango DNIM74	-	-	-
Ford (F)	U01 Escape	U62 Explorer <sup>1</sup>	-	U15 Expedition Navigator U27		Excursion U40 <sup>1</sup>
GM (G)	Tracker CE 10305	S10506 Blazer (CU only) N/A T4	Trailblazer	C15706 Tahoe C15906	C15906 - Suburban	C25906 - Suburban

1. Available with leaded fuel capability.

4 X 4						
ITEMS:	99	105	105A	105B	106**	108
Chrysler (C)	-	Liberty KJH74	Durango DN5M74	-	-	-
M74		Grand Cherokee with E3 and CRTS				
Ford (F)		U72 Explorer <sup>1</sup>		U16 Expedition Navigator U28	-	Excursion U41
	Escape UO2					
GM (G)	Tracker CJ10305 ZR2	T10506 Blazer (CU only)	Trailblazer CT15506	K15706 Tahoe K1500	K15906 Suburban -	K25906 Suburban

1. Available with leaded fuel capability.

**OPTIONAL EQUIPMENT CODES****O = Option available    0\*\* = Sole source    S = Standard on Specified Item**

		4 X 2						4 X 4					
OPTION CODES		98	100	100A	100B	101**	102	99	105	105A	105B	106**	108
AC2	Auxiliary AC and Heat (C.requires S8)	-	0(N/A G)	-	0(S-G)	S	S	-	0 (N/A G)	-	0	S	S
AT	All-terrain/on-off road tires	-	(N/A G)	-	-	-	-	-	S	S	S	S	S
AW1, AW2, AW3	Additional Warranty	0	0	0	0	0	0	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	S	S	S	S	0	0	S	S	S	S
D3	Special traction rear	-	0	0	O**(G)	0	O	-	0	0	0	0	0
D7	Towing/mountain ratio	0**(G)	0(S-G)	0	O**(G)	0	O	0**(G)	0	0	0**(G)	0	0
DTG	Dark tinted glass	0**(G)	0	0	0	0	0	0**(G)	0	0	0	0	0
E3	Eight cylinder engine	-	0 N/A (G)	-	S	0	-	0	0 N/A (G)	-	S	S	-
E4	Eight cylinder engine min. 5.3L	-	-	0**(C)	0	S	-	-	-	0**(C)	S	S	-
E5	Eight to ten cylinder, extra power min. 6.8L	-	-	-	-	-	0	-	-	-	-	-	0(S-F)
E85	Ethanol flexible fuel (N/A CA)	-	-	-	0**(G)	(S-G)	-	-	-	-	0**(G)	(S-G)	-
EH	Block heater, OEM	-	0	0	0	0	0**(G)	0	0	0	0**(G)	0	0
FTH	Front tow hooks	-	0	-	0**(G)	0	0	-	0 (N/A F)	0(S-G)	0(S-G)	0(S-G)	S





## OPTIONAL EQUIPMENT CODES

O = Option available    0\*\* = Sole source    S = Standard on Specified Item

OPTIONS CODES	4 X 2						4 X 4					
	98	100	100A	100B	101**	102	99	105	105A	105B	106**	108
LE Special service package w/o speed rated tires and police speedometer	-	0**(F)	-	0 (G**)	-	-	-	0**(F)	-	0**(G)	-	-
LF Leaded fuel, export (N/A E3)	-	0**(F)	-	-	-	-	-	0**(F)	-	-	-	-
MCT Off road extended duty pkg. (N/A w/YD)	-	-	-	-	-	-	-	-	-	0**(G)	-	0**(G)
MCTE On board 5000 watt electric system	-	-	-	-	-	-	-	-	-	0**(G)	-	0**(G)
MCTL Military pkg., (req. MCT) (military only)	-	-	-	-	-	-	-	-	-	0**(G)	-	0**(G)
MIL Military data plate	0	0	0	0	0	0	0	0	0	0	0	0
MIL1 Navy license plate	0	0	0	0	0	0	0	0	0	0	0	0
MIL2 Army license plate	0	0	0	0	0	0	0	0	0	0	0	0
MWW Removable winch (req. MCT)	-	-	-	-	-	-	-	-	-	0**(G)	-	0**(G)
PD Panel rear doors	-	-	-	0**(G)	-	0	-	-	-	0**(G)	0	0**(G)
PSM Parts and service manuals	0	0	0	0	0	0	0	0	0	0	0	0
PWL Power windows and locks	0	0	0	0	0	0	0	0	0	0	0	0
RACS AM/FM radio w/integral cassette player	0	0	0	0	0	0	0	0	0	0	0	0
RAD AM/FM radio w/integral disc player (S G)	0	0	0	0	0	0	0	0 (S-C)	0	0	0	0
RB Running boards	0	-	0	0	-	0	0	-	0	0	-	0
RF Rubber floor covering	-	-	-	0**(F)	-	0**(F)	-	-	-	0**(F)	-	0**(F)
RH3*** Class 3 draw bar receiver	-	0	-	-	-	-	-	0	-	-	-	-
RH4*** Class 4 draw bar receiver	-	0	0	0	0	0	-	0	0	0	0	0
RKE Remote keyless entry	0	0	0	0	0	0	0	0	0	0	0	0
RM Camper mirrors	-	-	-	-	0	0	-	-	-	-	0	0
RS Reclining seats (5 pass)	S	S	0	0	0	0	S	S	0	0	0	0
S5 5-6 passenger seating	S	S	S	S	0	0	S	S	S	S	0	0
S7 7 passenger seats	-	0**(F)	-	-	-	-	-	0**(F)	-	-	-	-
S8 8 passenger seating (Includes AC2)	-	-	0	0	0	0	-	-	0	0	0	0
S9 9 passenger seating (Includes AC2)	-	-	-	0	S	S	-	-	-	0	S	S
SK Metric odometer	0	0	0	0	0	0	0	0	0	0	0	0
T5 Manual transmission	0	0	-	-	-	-	0	0	-	-	-	-
VU Vinyl upholstery and floor covering	-	-	-	0**(G)	0	0**(G)	-	-	-	0**(G)	0	0**(G)
VUR Vinyl rear seat (REQ LE)	-	-	-	0**(G)	-	-	-	-	-	0**(G)	-	-
YD Diesel engine, turbocharged (includes EH)	-	-	-	-	-	0**(F)	-	-	-	-	-	0**(F)

\*\*Sole source



Notes.

It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

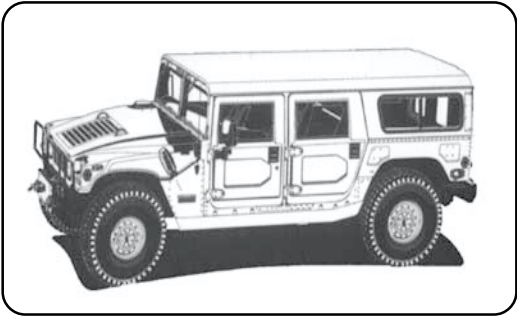
TABLE 2: Sport Utility, 4 door, 4X2 and 4X4

TABLE 3: Sport Utility, Hummer, 4X4 (Civilian Version of the Military HUMVEE)

The vehicles specified are designed for heavy duty, off road use and at a minimum have the following: GVWR of 4,670 kg (10,300lbs.); Wheelbase of 330 cm (130 in.); 6.5 liter, V8, turbocharged diesel engine; four (4) speed automatic transmission; two (2) speed transfer case with high and low speed differential lock out; independent, full time, four-wheel drive with automatic traction control; limited slip differentials; gear reduction hubs; power disc brakes with ABS; power steering; body constructed of aluminum, fiberglass and steel with body on frame design; four (4) independent high-back cloth seats; driver and front passenger seats, equipped with in-board, seat mounted armrests; air conditioning; auxiliary rear heat and air conditioning for Items 110A, 110B & 110C; full gauges including tachometer; 12 volt, 124 amp alternator; tonneau cover for Items 110B - 110D; power windows; power door locks with remote control; power remote controlled mirrors; sliding rear window with defroster; Hallogen headlights; AM/FM radio with weather band; fuel capacity 95 liters (25 gal.); two-piece bead lock, 41.9 cm (16.5 in.) wheels; 37x12.5 R all terrain tires; OEM brush guard; trailer tow provision (RH4 Draw Bar Receiver).

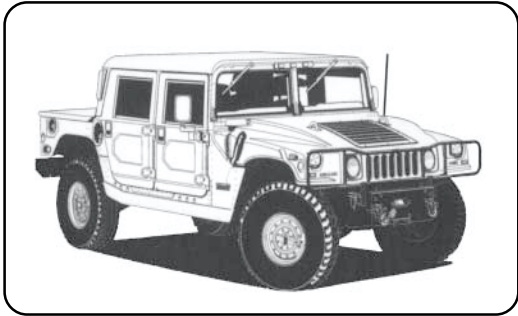
ITEM NO.	110A	110B	110C	110D
Style	4 door hard top wagon	4 door hard top pickup	4 door open top pickup	2 door hard top pickup
Pickup bed length cm (in.)	None	111 (44)	111 (44)	194 (76)
Payload min. kg (lbs.)	1,427 (3,146)	1,513 (3,336)	1,581 (3,486)	1,695 (3,763)
Tonneau Cover	n/a	Standard	Standard	Standard

Item 110A



4-Door Hard Top Wagon

Item 110B



4-Door Hard Top Pickup

Representative Vehicles

ITEM NO.	110A	110B	110C	110D
Model	KSCS	KSC4	KSCO	KSC2

Optional Equipment Codes

O = Option available

OPTION CODES		110A	110B	110C	110D
AFT	Auxiliary fuel tank, 64.3 L (17 gal)	0	0	0	0
AT1	GS-A 37x12.50R-17 without Runflat tires on one piece aluminum wheels	0	0	0	0
AT2	GS-A 37x12.50R-17 Runflat tires on one piece aluminum wheels	0	0	0	0
AT3	MT-R 37x12.50R-17 Runflat tires on two piece aluminum wheels	0	0	0	0
CTIS	Central tire inflation system (req. AT2 or AT3)	0	0	0	0
CR	Cruise control	0	0	0	0
DLP	Driveline protection	0	0	0	0
IRM	Deluxe interior rearview mirror w/comp., temp. & map light	0	0	0	0
MEW	12,000 lb. Capacity winch	0	0	0	0
RPP	Rocker panel protection	0	0	0	0
WNH	Heated windshield and exterior mirrors	0	0	0	0
WR	12,000 lb. GVWR	0	0	0	0

Item 110C



4-Door Open Top Pickup

Item 110D



2-Door Hard Top Pickup

TABLE 3: Sport Utility, Hummer, 4X4 (Civilian Version of the Military HUMVEE)

TABLE 4: Wagon Van, Compact, 4X2 and 4X4

The compact wagon van specified, shall be an enclosed all-steel, unitized or on-frame constructed, integral body and cab. The side panels and all doors shall be provided with OEM available opening style windows. Vehicle shall be equipped with a driver and companion high-back bucket seats and removable rear seat(s) for multi-choice seating arrangements for passengers. Interior shall have trimmed side and door panels, and full length headlining; cloth interior, front and rear floor carpet; door checks or straps; dome light(s); scuff plates or skid-resistant surface at side doors; spare tire cover if inside mounting is provided; engine maintenance necessities serviceable from the outside. Height of van shall not exceed 196 cm (77 in).

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style - Windows all Sides	Passenger Restraint System
Transmission - Automatic	Suspension/Shocks - HDA
Steering - Power	Engine Type - Gas
Supplemental Restraint System	Brakes, Type - Power/ABS
Differential, Type/Ratio - OEM STD	Air Conditioning/Heater - Front and Rear
Cooling System - HDA	Intermittent Wipers
Cloth Upholstery	Radio AM/FM
Carpeted Floor Covering	Floor Mats

SITEM NO.	4 X 2		4 X 4	
	20	20A**	25	25A**
Payload MIN, KG (LB)	521 (1,150)	725(1,600)	521 (1,150)	752 (1,660)
GVWR MIN/MAX, KG (LB)	2403 (5,300)/2700 (5,950)	2700 (5,950)	2300 (5,100)/2558 (5,640)	2766 (6,100)
Wheelbase, min./max., CM (IN)	302 (119)/308 (121)	280(111)	302 (119)/308 (121)	280(111)
Engine, MIN CD/ cyl.	3.3 L/6	4.3L/6	3.3 L/6	4.3L/6
Wheels, dia.	15 in	15 in	15 in	15 in
Tires, Type Tread, MIN	P215/R/AS	P215/R/AS	P215/R/AS	P215/R/AS
Alternator/Battery	105AMP/600 CCA	105AMP/600CCA	105AMP/600 CCA	105AMP/600 CCA
Fuel Capacity, MIN, L (GAL)	75 (20)	102 (27)	75 (20)	102 (27)
Body, Side Door Type	Sliding (LT and RT)	Sliding (RT)	Sliding (LT and RT)	Sliding (RT)
Body, Size, Overall Length MIN	508 cm (200 in.)	480 cm (189 in.)	508 cm (200 in.)	480 cm (189 in.)
Seating capacity, MIN	7 Pass.	8 Pass.	7 Pass.	8 Pass.
Mirrors	Foldaway	Foldaway	Foldaway	Foldaway
Rear Window Defroster	STD	STD	STD	STD
Rear Window Wiper/Washer	STD	STD	STD	STD

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.  
\*\* Sole Source

REPRESENTATIVE VEHICLES

4 X 2

ITEMS:	20	20A**
Chrysler (C) (N/A w/YD)	Grand Caravan Caravan, Voyager RS 53 (long), RS 52	-
Ford (F)	A51 (long), Windstar V11 (XS), Villager	-
GM (G)	Venture 1UM16 (XS) 1UM16	Astro1 N/A w/LDR  CM11006

4 X 4

ITEMS:	25	25A**
Chrysler (C)	Grand Caravan	-
GM (G)	Venture 1UT16	Astro CL11006

Optional Equipment Codes

O = Option available O\*\* = Sole source  
S = Standard on specified item

		4 X 2		4 X 4	
OPTION CODES		20	20A**	25	25A**
ATC	Automatic Traction Control	0 N/A (F)	-	-	0
AW1, AW2, AW3	Additional Warranty	0	0	0	0
CNS	Consignee Delivery	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0
D3	Special traction, rear (N/A to FWD)	-	0	-	0
D7	Towing/mountain axle ratio	-	0	-	0
DTG	Dark tinted glass (behind front seat)	0	0	0	0
E2*	Six cylinder engine, min. 3.8 L*	0*	S	0*	S
E85	Ethanol flexible fuel engine w/Std. Engine	0**(C)	-	0**(C)	-
EH	Block heater, OEM	0	0	0	0
LR	Luggage rack, roof mounted	0	0	0	0
MIL	Military data plate	0	0	0	0
MIL1	Navy license plate	0	0	0	0
MIL 2	Army license plate	0	0	0	0
PSM	Parts and service manuals	0	0	0	0
PWL	Power windows and locks	0	0	0	0
RACS	AM/FM Radio w/Integral cassette player	0	0	0	0
RAD	AM/FM Radio w/Integral disc player	0	0	0	0
RKE	Remote keyless entry	0	0	0	0
S5	Five Pass. seating (rear AC/Heat not required)	0 N/A(F)	-	0	-
SCC	Ind. seats -1st & 2nd rows (N/A w/S5)	0	0	0	0
SK	Metric odometer	0	0	0	0
XS	Short Body (rear AC/heat not required) OAL 190 in. max.	0 N/A(F)	-	0 N/A(F)	-

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*E2 - Items 20 & 25, Optional C, Standard F, Not Available G.

\*\*Indicates sole source item.



TABLE 4: Wagon Van, Compact, 4X2 and 4X4

TABLE 5: Wagon Van, Full Size 4X2

The wagon van specified, shall be an enclosed all-steel, unitized or on-frame constructed, integral body and cab. The side panels and all doors shall be provided with OEM available opening style windows. The curbside shall have extra wide passenger door(s) and rear door(s) shall be hinged, dual vertical. Vehicle shall be equipped with a driver and companion high-back bucket seats and removable rear seat(s) for multi-choice seating arrangements for passengers. Interior shall have trimmed side and door panels, and full length headlining; cloth interior, front and rear floor carpet; all doors, except rear doors, shall be capable of being opened from inside and outside, having keyed locks; door checks or straps; dome light(s); scuff plates or skid-resistant surface at side doors; curbside center doors shall be provided with built-in step; spare tire cover if inside mounting is provided; engine maintenance necessities serviceable from the outside.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.	
Style - Windows all Sides	Suspension/Shocks - HDA
Transmission - Automatic	Engine Type - Gas
Steering - Power	Brakes, Type - Power/ABS
Supplemental Restraint System	Air Conditioning/Heater - Front and Rear
Differential, Type/Ratio - OEM STD	Intermittent Wipers
Cooling System - HDA	Radio AM/FM
Cloth Upholstery and Carpeting	RH2 Trailer Hitch Provisions
Passenger Restraint System	

	4 X 2		
ITEM NO.	21	22	24
CLASS	Full Size	Full Size	Full Size
Payload MIN, KG (LB)	886 (1,920)	900 (2,000)	1179 (2,600)
GVWR MIN/MAX, KG (LB)	3175 (7,000)/3500 (7,800)	MIN 3877 (8,550)	MIN 4170 (9,100)
Wheelbase, min./max., CM (IN)	315 (125)/350 (138)	315 (125)/355 (140)	315 (125)/400 (155)
Engine, MIN CD/ cyl.	4.6 L/8	5.4 L/8	5.4 L/8
Wheels, dia.	15 in.	16 in.	16 in.
Tires, Type Tread, MIN	P235/R/AS	LT225/R/AS	LT245/R/AS
Alternator/Battery	105AMP/600 CCA	125AMP/600 CCA	125AMP/600 CCA
Fuel Capacity, MIN, L (GAL)	113 (30)	113 (30)	113 (30)
Body, Side Door Type	Hinged	Hinged	Hinged
Body, Size, Overall length MIN/MAX CM(IN)	528 (208)/556 (219)	528 (208)/556 (219)	586 (231)/607 (239)
Seating capacity, MIN	8 Pass.	10 Pass.	15 Pass.
Mirrors	Low/Sail Mount	Low/Sail Mount	Low/Sail Mount

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.  
NOTES: Alternative fuel vehicles may have limited order times, engines, models, and equipment. Call before ordering.

REPRESENTATIVE VEHICLES

4 X 2			
ITEMS:	21	22	24
Chrysler (C) (N/A w/YD)	B2500 AB2L52 (Long Body Only)	B3500 AB3L53	B3500 AB3L53
Ford (F)	Regular Club E11	HD Regular Club E31	Super Club S31
GM (G)	G1500 G11406	G2500 G21406	G3500 G31706
Freightliner (FL)	-	Sprinter <sup>2</sup> w/ YD only	-

2. Not available in California. Limited availability of dealers for service and delivery.



Optional Equipment Codes

O = Option available O\*\*= Sole source  
S = Standard on specified item

		4 X 2		
OPTION CODES		21	22	24
ATC	Automatic Traction Control	-	(S-FL)	-
AW1, AW2, AW3	Additional Warranty	0	0	0
AWDC	4-wheel drive conversion	-	0 (N/A, C-FL)	0
CNG2	Dual fuel, CNG/gasoline(N/A Chrysler)(wS/8 only)(5.2L C)	-	0**(G)	0**(G)
CNS	Consignee Delivery	0	0	0
CRTS	Cruise control/tilt steering	0	0	0
CNG	Compressed natural gas (dedicated)	0**(C)	0 N/A(G)	0 N/A(G)
D3	Special traction, rear (N/A to FWD)	0	0 (N/A-FL)	0
D7	Towing/mountain axle ratio	0 N/A(F)	0 N/A(F)	0
DTG	Dark tinted glass (behind front seat)	0	0 (N/A-FL)	0
E4	Eight cyl. engine, min. 5.4L	0	0 (N/A-FL)	S
E5	Eight - ten cyl. extra power, min. 6.8L	-	0 (N/A-FL)	0
EH	Block heater, OEM	0	0 (N/A-FL)	0
MIL	Military data plate	0	0	0
MIL1	Navy license plate	0	0	0
MIL2	Army license plate	0	0	0
PSM	Parts and service manuals	0	0	0
PWL	Power windows and locks	0	0	0
RACS	AM/FM Radio w/Integral cassette player	0	0	0
RAD	AM/FM Radio w/Integral disc player	0	0	0
RF	Rubber vinyl floor covering	0	0	0
RH3***	Class 3 draw bar receiver OEM (N/A C)	0	0	0
RKE	Remote keyless entry	0	0	0
S8	Eight Pass. Seating	-	-	0 N/A(F)
S12	Twelve Pass. Seating	-	0	0
SE	Side door sliding type	0	0 (S-FL)	0
SK	Metric odometer	0	0	0
TLP	Trailer lighting package, N/A (C)	0	0	0
VU	Vinyl Upholstery	0	0	0
XS	Short Body (rear AC/heat not required)	0 **(C)	-	-
YD	Diesel engine	-	0	0
XL	Extra Long Body	-	0	S

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.  
\*\* Indicates sole source item.  
\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 5: Wagon Van, Full Size, 4X2

TABLE 6: Cargo Van, Compact, 4X2 and 4X4

The compact cargo van specified, shall be an enclosed all-steel unitized, or on-frame constructed, integral body and cab. The curbside shall be provided with sliding cargo door. Vehicle shall be equipped with a driver and companion seat, both seats being high-back bucket seat configuration; cab compartment floor covering; all doors, except rear door shall be capable of being opened from both the inside and the outside, having keyed locks; door checks or straps; dome light(s); and engine maintenance necessities serviceable from the outside.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.	
Style - windows in rear doors	Intermittent wipers
Suspension/ shocks - HDA	Differential, type/ratio - OEM/STD
Radio - AM/FM	HDA Cooling system
Engine type - gas	Seating capacity, min - 2pass.
Brakes, type - Power/ABS	Passenger restraint system
Air conditioning	Supplemental restraint system
Transmission - Automatic/HDA Cooling	Cloth Upholstery/Rubber Floor Covering*
Steering - Power	

ITEM NO.	4 X 2		4 X 4	
	30	30A**	35**	35A**
CLASS	COMPACT	COMPACT	COMPACT	COMPACT
PAYLOAD MIN., KG (LB)	450 (1,200)	725 (1,600)	450 (1,300)	752 (1,660)
G.V.W.R. min./max., KG (LB)	2400 (5,300)/2550 (5,600)	2540 (5,600)	2600 (5,800)/2700 (5,900)	2766 (6,100)
Wheelbase, min./max., CM (IN)	302 (119)/310 (121)	280 (111)	302 (119)	280 (111)
Engine, min. LD/cyl.	3.0 L/6	4.3L/6	3.8L/6 MIN 180 HP	4.3L/6
Wheels, dia.	15 in.	15 in.	15 in.	15 in.
Tires, type/tread, min.	P205/R/as	P215/R	P215/R/as	P215/R/as
Alternator/battery	95A./500 CCA	100A./500 CCA	100A./600 CCA	105A./600 CCA
Fuel capacity, min., L (GAL)	75 (20)	94 (25)	75 (25)	94 (25)
Body, side door type	sliding	sliding	sliding	sliding
Body, rear door type	lift	dual vertical	lift	dual vertical
Overall length min., CM (IN)	236 (93)	249 (98)	236 (93)	249 (98)
Mirrors	foldaway	foldaway	foldaway	foldaway
Rear window defroster (RD)	STD	-	STD	-
Rear window wiper/washer (RWW)	STD	-	STD	-

NOTES: \*Only carpeted floor covering available from DaimlerChrysler  
\*\*Indicates sole source item.  
Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.



REPRESENTATIVE VEHICLES

4 X 2		
ITEMS:	30	30A**
Chrysler (C) (N/A w/YD)	Grand Caravan	-
Ford (F)	A54 Windstar WY only	-
GM (G)	-	Astro CM11005

4 X 4		
ITEMS:	35**	35A**
Chrysler (C) (N/A w/YD)	RSDH53	
	Grand Caravan (N/A w/D3)	
	With Windows Only	
GM (G)		CL11005 Astro1



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

Optional Equipment Codes

O = Option available    O\*\* = Sole source    S = Standard on specified item

		4 X 2		4 X 4	
OPTION CODES		30	30A**	35**	35A**
AH	Aux. rear heater	-	0	0	0
AW1, AW2, AW3	Additional Warranty	0	0	0	0
CNS	Consignee delivery	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0
D3	Special Traction, Rear	-	0	-	0
D7	Towing/mountain ratio	-	0	-	0
DTG	Dark tinted glass (behind front seat)	0	0	0	0
E2	Six cylinder engine, min. 3.8 L	0 (S-F)	S	0	S
EH	Block heater, OEM	0	0	0	0
MIL	Military plate data	0	0	0	0
MIL1	Navy license plate	0	0	0	0
MIL2	Army license plate	0	0	0	0
PSM	Parts and service manuals	0	0	0	0
PWL	Power windows and locks	0	0	0	0
RACS	AM/FM Radio with Integral Cassette Player	0	0	0	0
RAD	AM/FM Radio with Integral Disc player	0N/A (F)	0	0	0
RL	Rear lining (includes WY) (STD [F])	0** (C)	0	0	0
SK	Metric odometer	0	0	0	0
WY	Windows, all sides	0 (S-C)	0	S	0

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.  
\*\*\*Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 6: Cargo Van, Compact, 4X2 and 4X4

TABLE 7: Cargo Van, Full Size, 4X2

The cargo van specified, shall be an enclosed all-steel unitized, or on-frame constructed, integral body and cab. The curbside shall be provided with hinged, extra wide cargo door. Rear doors shall be side hinged, double vertical. Rear doors shall have either opening or fixed type windows. Vehicle shall be equipped with a driver and companion seat, both seats being high-back bucket seat configuration; cab compartment floor covering; all doors shall be capable of being opened from both the inside and the outside, having keyed locks; door checks or straps; dome light(s); and engine maintenance necessities serviceable from the outside.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style - windows in rear doors only	Intermittent wipers
Suspension/ shocks - HDA	Differential, type/ratio - OEM STD
Radio - AM/FM	HDA Cooling system
Engine type - gas	Seating capacity, min - 2pass.
Brakes, type - Power/ABS	Passenger restraint system
Air conditioning	Supplemental restraint system
Transmission - Automatic/HDA Cooling	Cloth Upholstery/Rubber Floor Covering
Steering - Power	

	4 X 2			
ITEM NO.	31	31A	32	34
CLASS	FULL SIZE	FULL SIZE	FULL SIZE	FULL SIZE
PAYLOAD MIN., KG (LB)	662 (1460)	981 (2,165)	1516 (3,345)	1723 (3,800)
G.V.W.R. min./max., KG (LB)	2766 (6,100)/3174 (7,000)	3310 (7,300) 3270 (7,200)	MIN 3854 (8,500)	MIN 4175 (9,200)
Wheelbase, min./max., CM (IN)	315 (125)/350 (138)	315 (125)/350 (138)	315 (125)/350 (138)	315 (125)/390 (155)
Engine, min. LD/cyl.	3.9 L/6	3.9 L/6	5.4L/8	5.4 L/8
Wheels, dia.	15 in.	15 in.	16 in.	16 in.
Tires, type/tread, min.	P215/R/as	P215/R/as	P235-LT225/R/as	LT245/R/as
Alternator/battery	105A./600 CCA	105A./600 CCA	130A./600 CCA	130A./600 CCA
Fuel capacity, min., L (GAL)	104 (31)	113 (30)	94 (25)	113 (30)
Body, side door type	panel-hinged	panel-hinged	panel-hinged	panel-hinged
Body, rear door type	panel-hinged	panel-hinged	panel-hinged	panel-hinged
Overall length min./max. CM (IN)	528 (208)/556 (219)	528 (208)/556 (219)	528 (208)/563 (222)	min. 586 (231)
Mirrors	lowmount	lowmount	lowmount	lowmount
Class 2 Trailer hitch provisions (1.9 cm [.75 in.] hole)	STD	STD	STD	STD

NOTES: \*\*Indicates sole source item.  
Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

## REPRESENTATIVE VEHICLES

4 X 2				
ITEMS:	31	31A	32	34
Chrysler (C)	B1500	B2500	DB3L12	AB3L13 B3500
(N/A w/YD)			B3500	
Ford (F)	E150	E24 E250	E24 E250	S34 (XL) E350
GM (G)	G1500	G214051 G2500	G21405 G2500	G31705 (XL) G3500
Freightliner			Sprinter <sup>2</sup> with YD only	

1. Available with leaded fuel (LF).
2. Not available in California. Limited availability of dealers for service and delivery.



## Optional Equipment Codes

O = Option available O\*\* = Sole source S = Standard on specified item

4 X 2				
OPTION CODES	31	31A	32	34
APP Ambulance prep package	-	-	-	0
AC2 Aux. rear air conditioning/w heater	0	0	0	0
AH Aux. rear heater	0	0	0	0
AW1, AW2, AW3 Additional Warranty	0	0	0	0
AWDC Four wheel drive conversion	-	-	0 N/A(C)	0 N/A(C)
BH Partition	0** (C)	0** (C)	0** (C)	0** (C)
CNG Compressed natural gas (dedicated) N/A(G)	-	0 (N/A G)	0 (N/A G)	0 (N/A G)
CNG2 Dual fuel, CNG/gasoline (N/A F&C)	-	0** (G)	0** (G)	0** (G)
CNS Consignee delivery	0	0	0	0
CRTS Cruise control/tilt steering	0	0	0	0
D3 Special Traction, Rear	0	0	0	0
D7 Towing/mountain ratio	0	0 N/A(F)	0 N/A(F)	0
E3 Eight cyl. engine min 4.6 L	0	0	-	-
E4 Eight cyl. extra power, min. 5.4L	0	0	S	S
E5 Eight - ten cyl. extra power, min. 6.8L	-	-	0	0
EH Block heater, OEM (std. w/YD)	0	0	0	0
MIL Military data plate	0	0	0	0
MIL1 Navy license plate	0	0	0	0
MIL2 Army license plate	0	0	0	0
PSM Parts and service manuals	0	0	0	0
PWL Power windows and locks	0	0	0	0
RACS AM/FM radio w/integral cassette player	0	0	0	0
RAD AM/FM Radio with Integral Disc player	0 N/A(F)	0 N/A(F)	0 N/A(F)	0 N/A(F)
RH3*** Class 3 draw bar receiver, (OEM)	0	0	0	0
RB Running board	-	0	0	0
RL Rear lining (includes WY)	0** (C)	0** (C)	0** (C)	0** (C)
S5 Five passenger seating (N/AG)	0** (F)	0** (F)	0** (F)	0** (F)
SE Side door-sliding type <sup>2</sup>	0	0	0	0
SK Metric odometer	0	0	0	0
STDL Regular body length (overall length, min. 528 cm. [208 in.] max. 556 cm. [219 in.])	-	-	-	0 (N/A C)
VU Vinyl Upholstery	0	0	0	0
WD Cargo door window(s)	0	0	0	0
WY Windows, all sides	0	0	0	0
XL Extra long body	-	-	0	S
XS Short body (overall length, max. 487 cm. [192 in.])	0	-	-	-
YD Diesel engine (includes EH)	-	0** (G)	0** (G)	0N/A(C)

NOTES: \*\*Indicates sole source item.

It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

<sup>2</sup>When SE is specified, a partial headliner is furnished.

TABLE 7: Cargo Van, Full Size, 4X2

**TABLE 8: Panel Van, Maintenance Conversion, 4X2**

This vehicle shall not have side panel windows and the interior shall be equipped with utility cabinets or adjustable shelving, a bulkhead, and ladder racks. Curb side and the rear split type double loading doors upper section shall be furnished with safety glass. Rear and side cargo door windows shall be covered on the inside with expanded or perforated metal or 3 mm (1/8 in) wire mesh.

The bulkhead shall be constructed of not less than 17 gauge steel with a rigid center section door and side panels, which shall be located between the driver and the cargo area. The door shall have openings in the upper and lower halves separated by a solid area. The openings shall be open mesh covered or perforated type. The door shall have a two-way handle, lockable from the driver's side and shall be hinged to swing into the cargo area. Bulkhead shall be secured to the body interior with easily removable corrosion resistant fasteners. Provision shall be made on cargo side of bulkhead for relocation of spare tire assembly to left or right side panel(s) or under frame.

Shelving or open faced cabinets shall not be less than 117 cm (46 in) high and not be less than 213 cm (84 in) long on street (driver) side. Length shall not be less than 107 cm (42 in) on the curb (passenger) side and shall not block the side cargo door opening. Shelves, cabinets, bins and drawers shall be capable of supporting a load of not less than 195 kg/sq m (40 lb/sq ft). Shelving or cabinets shall not interfere with any access doors. Shelving or cabinets shall be secured to the body interior with easily removable corrosion resistant fasteners.

When shelving is furnished in lieu of cabinets, each shelving unit shall consist of 2 upright ends having 2.5 cm (1 inch) flanges front and rear with shelf mounting holes on 2.5 cm (1 inch) centers. Each shelving unit shall contain a minimum of 4 shelves, not less than 30 cm (12 in) deep with not less than a 13 cm (5 in) high back flange and a 2.5 cm (1 in) high front flange, except back flange on shelves supporting parts drawers. A total of 16 removable dividers shall be furnished so the second and third shelves up on the street (driver) side may be divided vertically to provide a total of 20 bins. Dividers shall have 5 cm (2 in) centers and installed in such a manner as to prevent rattling during transit. Holes shall be provided in the ends of the shelf flanges to mate with the mounting lock nuts or shake proof fasteners. Bolts of not less than 7 mm (0.25 in) in diameter with lock nuts or shake proof fasteners shall be used for assembly.

When cabinets are furnished in lieu of shelving, each cabinet shall be not less than 30 cm (12 in) in depth at the top, with the back tapering down to provide not less than 41 cm (16 in) in depth at the floor. Cabinets shall be of all steel construction with back panels to lowest shelf, and solid end panels. Cabinet shelves shall be slanted down towards the back of the cabinets and shall have a raised lip at the front approximately 2.5 cm (1 in) high. The cabinets shall consist of a minimum of four shelves. A total of 16 removable dividers shall be furnished so the second and third shelves up on the left (street) side may be divided vertically to provide a total of 20 bins. Dividers shall be capable of spacing on 5 cm (2 in) centers, and installed in

such a manner as to prevent rattling during transit. When bolted construction is used, bolts of not less than 7 mm (0.25 in) diameter, with lock nuts or shake proof fasteners, shall be used for assembly. An 18 drawer small part unit shall be installed on the lower shelf on both sides of the vehicle located over the rear wheelhouses. The small parts drawer units shall be of all steel construction, not less than 25 cm (10 in) high, 28 cm (11 in) deep and 84 cm (33 in) long. Each drawer shall be provided with not less than two adjustable vertical dividers, and shall be tilted to the rear to retain the individual drawers while the vehicle is in motion.

Vehicle shall be equipped with removable overhead ladder racks. The ladder guides shall be adjustable in width. Ladder racks and guides may be installed in position on vehicle roof or may be boxed and secured inside of vehicle for shipment. When boxed, the exterior color of the racks and guides need not match the vehicle exterior color. The rear of the vehicle shall be provided with a safety-tread, steel plate with step built into the rear bumper. Step shall extend full width and shall have a step surface not less than 10 cm (4 in) deep. The height of the step shall be approximately at the normal height of the bottom edge of the vehicle's bumper.



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All Pictures used with permission of respective manufacturer.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

	4 X 2
<b>ITEM NO.</b>	<b>162</b>
PAYLOAD MIN., KG (LB)	900 (2,000)
Style, Forward control panel	rear & side dr. windows
GVWR min. KG (LB)	4,173 (9,200)
Wheelbase/ min./max.	315 (125)/350 (138)
Engine type	gas
Engine, min. CD/cyl.	5.4 L/8
Transmission	automatic-HDA cooling
Differential, ratio	OEM std.
Suspension, springs/shocks	HDA
Brakes, type	power - ABS
Steering	power
Wheels, dia.	16 in.
Tires, type/tread, min.	LT225/R/as
Alternator/battery	105/600 CCA
Cooling system	HDA
Fuel capacity, min., L (GAL)	113 (30)
Body, size, side door type	std. long/sliding
Body, interior equipment	as specified
Seating capacity, min.	2 pass.
Bumper, rear type w/RH2 trailer hitch provisions	h.d. step
Radio (RA)	AM/FM
Air conditioning (AC)	STD
Intermittent wipers	STD
Mirrors	low mount
Front air bags and seat belts	STD
Cloth upholstery	STD
Rubber floor covering	STD

REPRESENTATIVE VEHICLES

ITEMS:	162
Chrysler (C) (N/A YD)	B3500
Ford (F)	E350
GM (G)	G3500

Optional Equipment Codes

O = Option available    \*\*= Sole source    S = Standard on specified item

	4 X 2
<b>OPTION CODES</b>	<b>162</b>
AH      Aux. rear heater	0
AW1, AW2, AW3    Additional Warranty	0
BUA      Backup alarm	0
CM      Carpeted floor covering	0
CNS      Consignee delivery	0
D7      Towing/mountain ratio	0
DA      Delete air conditioning	0
DVG      Roof ventilator, static	0
E5      Eight/ten cylinder, extra power, min 6.8L (N/A C)	0
EH      Block heater, OEM (STD w/YD)	0
MHP      Pipe and conduit holder (N/A C)	0
MIL      Military data plate	0
MIL1      Navy license plate	0
MIL2      Army license plate	0
PSM      Parts and service manuals	0
RACS      AM/FM radio w/integral cassette player	0
RAD      AM/FM radio w/CD player	0
RD      Single rear door defrost	0**(C)
RH3***      Class 3 draw bar receiver (OEM)	0
RH4***      Class 4 draw bar receiver (OEM)	0
SK      Metric odometer	0
TS      Tilt Steering	0
VU      Vinyl upholstery	0
YD      Diesel engine (includes EH) (N/A C)	0

\*\*\*Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 8: Panel Van, Maintenance Conversion, 4X2

**Table 9: Pickup, Compact, Regular Cab, 4X2 and 4X4**

A compact size pickup with a regular cab shall be provided. The vehicle shall be equipped with the specified length flush style, double walled construction metal bed and tailgate with stays, providing a maximum of 114 cm (45 in) unobstructed space between wheel housings on the floor. The cab shall have 2 doors.



The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Wheelbase - as required	Cooling System - HDA
Engine Type - Gas	Seating Capacity, MIN - 3 Pass
Transmission - Automatic	Air Conditioning
Differential, Type drive/ratio - OEM STD	Intermittent Wipers
Suspension/shocks - HDA	Mirrors - Foldaway
Brakes, Type - Power /ABS 4 Wheel	Supplemental Restraint System
Steering - Power	Passenger Restraint System
Wheels, dia. - 15 in.	Cloth Upholstery
Body, Style - Flush Side	Rubber floor covering
AM/FM Radio	RH2 trailer hitch provisions (1.9 cm [.75 in.] hole)
Bumper, Rear - Step Type	

ITEM NO.	4 X 2			4 X 4	
	60	61	62**	66	67**
PAYLOAD MIN., KG (LB)	500 (1,100)	680 (1,250)	907 (2,000)	589 (1,260)	907 (2,000)
Style, cab	2 Door	2 Door	2 Door	2 Door	2 Door
GVWR MIN/MAX, KG (LB)	1905(4,200)	2050 (4,500)/2275 (5,000)	2550 (5,600)/ 2900 (6,300)	2100 (4,600)/2500 (5,500)	2550 (5,600)/2700 (6,000)
Engine, min.	2.2L/4	3.9L/6	3.9L/6	3.0L/6	3.9L/6
Transfer Case	N/A	N/A	N/A	2 spd.	2 spd.
Hubs, Front Wheels Locking	N/A	N/A	N/A	STD	STD
Tires, Type Tread, MIN.	P205/R/AS	P205/R/AS	P235/R/AS	P235R/OO/AT	P235/AT/00
Alternator/Battery	95AMP/525 CCA	95AMP/525 CCA	117AMP/600 CCA	95AMP/525 CCA	117AMP/600 CCA
Fuel Capacity, MIN, L (GAL)	59 (16)	72 (19)	83 (22)	59 (16)	83 (22)
Load-Bed Length, MIN, M (FT)	1.8 (6)	1.8 (6)	2.1 (6.5)	1.8 (6)	1.7 (6.5)
Skid Plates	N/A	N/A	N/A	STD	STD

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

Alternative fuel vehicles may have limited order times, engines, models and equipment. Call before ordering.



REPRESENTATIVE VEHICLES

ITEMS:	4 X 2			4 X 4	
	60	61	62**	66	67**
Chrysler (C)	-	Dakota	Dakota	Dakota	Dakota
Ford (F)	Ranger	Ranger	-	Ranger	-
GM (G)	S10	S10	-	-	-
Bed Type & Model Code					
Long bed					
Chrysler (C)	-	-	-	-	-
Ford (F)	R10 (long)	R10 (long)	-	-	-
GM (G)	-	-	-	-	-
Short bed					
Chrysler (C)		AN1L6	AN1L6	AN5L61	AN5L61
Ford (F)	R10 (short)	R10 (short)	-	R11 (short)	-
GM (G)	S10603	S10603	-	-	-

Notes: \*\*Indicates Sole Source  
Under Item 61, a 6.5 ft bed is the only size available from Chrysler.



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

Optional Equipment Codes

O = Option available    O\*\*= Sole source    S = Standard on specified item

OPTION CODES	4 X 2			4 X 4	
	60	61	62**	66	67**
AS All season tires (in lieu of all-terrain)	S	S	S	0**(C)	0
AW1, AW2, AW3 Additional Warranty	0	0	0	0	0
BL Bed Liner	0(N/A G)	0(N/A G)	0	0	0
CM Carpeted floor covering	0	0	0	0	0
CNS Consignee delivery	0	0	0	0	0
CRTS Cruise control/tilt steering	0	0	0	0	0
D3 Special traction, rear *	0**(G)	0	0	0	0
D7 Towing/mountain ratio	0**(G)	0	0	0**(C)	0
DA Delete air conditioning (min. 80 amp alternator)	0**(G)	0(N/A F)	0	0**(C)	0
E2 Six cylinder engine	0	S	S	S	S
E3 Eight cylinder engine	-	0**(C)	0	0**(C)	0**(C)
E85 Ethanol flexible fuel engine, min. 2.2L	S(G)**	-	-	-	-
EH Block heater, OEM	0	0	0	0	0
FTH Front tow hooks	-	-	0	0	0
L8 Long bed (min 2.1 [6.9 ft.] N/A(C))	-	0**(F)	-	-	-
MIL Military data plate	0	0	0	0	0
MIL1 Navy license plate	0	0	0	0	0
MIL2 Army license plate	0	0	0	0	0
PSM Parts and service manuals	0	0	0	0	0
PWL Power windows and locks	0	0	0	0	0
RACS AM/FM radio w/intergral cassette player	0	0	0	0	0
RAD AM/FM Radio w/Integral disc player	0	0	0	0	0
RH3*** Class 3 draw bar receiver, (OEM) (N/A G)	0(N/A F)	0(N/A F)	0	0(N/A F)	0
SRG Sliding rear window	0	0	0	0	0
SK Metric odometer	0	0	0	0	0
T5 Manual transmission	0	0	0	0	0

Notes: \* It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.  
\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

Table 9: Pickup, Compact, Regular Cab, 4X2 and 4X4

**Table 10: Pickup, Compact, Extended Cab, 4X2 and 4X4**

A compact size pickup with an extended cab shall be provided. The vehicle shall be equipped with the specified length flush style, double walled construction metal bed and tailgate with stays, providing a maximum of 114 cm (45 in) unobstructed space between wheel housings on the floor. The cab shall have a minimum of 2 doors and 4 windows per side. A rear seating arrangement in the cab for a minimum of one (1) passengers shall be provided.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, cab - 2 Door	Rubber floor covering
Body, style - flush side	Intermittent wipers
Engine type - gas	Wheelbase - as reqd.
Transmission - automatic	Suspension/shocks - h.d.a.
Differential, type drive/ratio - OEM std.	Steering - power
Brakes, type - power - ABS	Seating capacity, min. - 4 pass.
Cooling system - h.d.a.	Air conditioning
Bumper, rear type - step type	Front air bags
Supplemental restraint sys.	Mirrors - foldaway
Cloth Upholstery	

ITEM NO.	4 X 2			4 X 4	
	60C	61C	62C**	66C	67C**
PAYLOAD MIN., KG (LB)	480(1,050)	571 (1,260)	900 (2,000)	565 (1,250)	793 (1,750)
GVWR min. KG (LB)	2085(4,600)	2177 (4,800)	2685 (5,930)	2312 (5,050)	2707 (5,970)
Engine	2.2L/4	3.9L/6	3.9L/6	3.9L/6	3.9L/6
Transfer case	N/A	N/A	N/A	2 spd.	2 spd.
Hubs, frt. wheels locking	N/A	N/A	N/A	std.	std.
Wheels, dia.	15 in.	15 in.	15 in.	15 in.	15 in.
Tires, type tread, min.	P205/R/as	P195/R/as	P235/R/as	P235R/OO/AT	P235/AT/00
Alternator/battery	95A/525 CCA	95A./525 CCA	117A./600 CCA	95A./525 CCA	117A./600 CCA
Fuel capacity, min., L (GAL)	56 (15)	83 (19)	56 (15)	83 (19)	56(15)
Load-bed length, min./max., M (FT)	1.8 (6)	1.8 (6.0)/2.0 (6.6)	2.1 (6.5)	1.8 (6.0)/2.0 (6.6)	1.7 (6.5)
Radio	AM/FM	AM/FM	AM/FM	AM/FM	AM/FM
Skid plates	N/A	N/A	N/A	OEM Available	OEM Available
Class 2 Towing hitch provision (1.9 cm [.75 in.] hole)	-	X	X	X	X

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

Alternative fuel vehicles may have limited order times, engines, models and equipment. Call before ordering.



REPRESENTATIVE VEHICLES

ITEMS:	4 X 2			4 X 4	
	60C	61C	62C**	66C	67C**
Chrysler (C)	-	Dakota	Dakota	Dakota	Dakota
Ford (F)	Ranger	Ranger	-	Ranger	-
GM (G)	S10	S10	-	S10	-

Bed Type & Model Code

Short bed					
(C)	-	AN1L31	AN1L31	AN5L31	AN5L31
(F)	R14	R14	-	R15	-
(G)	S10653	S10653	-	T10653	-

1. Available with leaded fuel (LF).

Notes: \*\*Indicates Sole Source.



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Optional Equipment Codes

O = Option available    O\*\* = Sole source    S = Standard on specified item

OPTION CODES	4 X 2			4 X 4	
	60C**	61C	62C**	66C	67C**
AS      All season tires (in lieu of all-terrain)	S	S	S	0(S-F)	0
AW1, AW2, AW3 Additional Warranty	0	0	0	0	0
BL      Bedliner	-	0(N/A G)	0	0(N/A G)	0
CM      Carpeted floor covering	0	0	0	0	0
CNS      Consignee delivery	0	0	0	0	0
CRTS      Cruise control/tilt steering	0	0	0	0	0
D3      Special traction, rear	0	0	0	0	0
D7      Towing/mountain ratio	0	0 N/A(F)	0	0	0
DA      Delete air conditioning N/A (G)	0	0 N/A(F)	0	0	0
E3      Eight cylinder engine	-	0(C)**	0	0(C)**	0
E85      Flexible fuel engine, ethanol	0(S-G)	-	-	-	-
EH      Block heater, OEM	0	0	0	0	0
FTH      Front tow hooks N/A(C)	-	-	-	0	-
LDR      Rear cab access 3 or 4 door N/A(C)	0	0(S-F)	-	0(S-F)	-
MIL      Military data plate	0	0	0	0	0
MIL1      Navy license plate	0	0	0	0	0
MIL2      Army license plate	0	0	0	0	0
PSM      Parts and service manuals	0	0	0	0	0
PWL      Power windows and locks	0	0	0	0	0
RACS      AM/FM radio w/integral cassette player	0	0	0	0	0
RAD      AM/FM Radio w/Integral disc player	0	0	0	0	0
RH3***      Class 3 draw bar receiver (OEM)	-	0	0	0	0
SRG      Sliding rear window	0	0	0	0	0
SK      Metric odometer	0	0	0	0	0
T5      Manual transmission	0	0	0	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

Table 10: Pickup, Compact, Extended Cab, 4X2 and 4X4

**Table 11: Pickup, Compact, Crew Cab, 4X2 and 4X4**

A compact size pickup with a crew cab shall be provided. The vehicle shall be equipped with the specified length flush style, double walled construction metal bed and tailgate with stays, providing a maximum of 114 cm (45 in) unobstructed floor space between the wheel housings. The cab shall have 4 doors, each with a window. Rear seat arrangement for a minimum of three (3) passengers shall be provided.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, cab - 4 Door	Rubber floor covering
Body, style - flare/flush	Intermittent wipers
Engine type - gas	Wheelbase - as reqd.
Transmission - automatic	Suspension/shocks - h.d.a.
Differential, type drive/ratio - OEM std.	Steering - power
Brakes, type - power - ABS	Seating capacity, min. - 5 pass.
Cooling system - h.d.a.	Air conditioning
Bumper, rear type - step type	Front air bags
Supplemental restraint sys.	Mirrors - foldaway
Cloth upholstery	

ITEM NO.	4 X 2		4 X 4		
	61E**	62E**	66E**	67E**	68E**
PAYLOAD MIN., KG (LB)	544 (1,200)	657 (1,450)	503 (1,110)	521 (1,150)	612 (1,450)
GVWR min., KG (LB)	2437 (5,375)	2553 (5,630)	2313 (5,100)	2540 (5,600)	2630 (5,800)
Engine, min. L/cyl	4L/6	3.9L/6	4.3/6	4L/6	3.9L/6
L/6Transfer case	N/A	N/A	2 spd.	2 spd.	2 spd.
Hubs, frt. wheels locking	N/A	N/A	std.	std.	std.
Wheels, dia.	15 in.	15 in.	15 in.	15 in.	15 in.
Tires, type tread, min.	P235/15 AS	P235R/AS	P235/AT/00	P235R/OO/AT	P235R/OO/AT
Alternator/battery	130/550 CCA	117/600	100/525 CCA	130/550 CCA	117/600
Fuel capacity, min., L (GAL)	75 (20)	83 (22)	72 (19)	75 (20)	83 (22)
Load-bed length, min., M (FT)	1.2 (4.0)	1.6 (5.3)	1.37 (4.5)	1.2 (4.0)	1.6 (5.3)
Radio	AM/FM	AM/FM	AM/FM	AM/FM	AM/FM
Skid plates	N/A	N/A	OEM Available	OEM Available	OEM Available
Class 2 trailer hitch provisions (1.9 cm [.75 in.] hole)	STD	STD	-	STD	STD

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

REPRESENTATIVE VEHICLES

ITEMS:	4 X 2		4 X 4		
	61E**	62E**	66E**	67E**	68E**
Chrysler	-	Dakota	-	-	Dakota
Ford (F)	Sport Trac	-	-	Sport Trac	-
GM (G)	-	-	S10	-	-

Bed Type & Model Code

Short bed					
(C)	-	AN1L84	-	-	AN5L84
(F)	U67	-	-	U77	-
(G)	-	-	T10643	-	-

Notes: \*\*Indicates Sole Source.



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

OPTION CODES		4 X 2			4 X 4	
		61E**	62E**	66E**	67E**	68E**
AS	All season tires (in lieu of all-terrain)	S	S	0	0	0
AW1, AW2, AW3 Additional Warranty		0	0	0	0	0
BL	Bedliner	0	0	-	0	0
CBE	Cargo bed extender	0	-	-	0	-
CM	Carpeted floor covering	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0
D3	Special traction, rear	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0
DA	Delete air conditioning (min. 80 amp alternator)	0	0	-	0	0
E3	Eight cyclinder engine	-	0	-	-	0
EH	Block heater, OEM	0	0	0	0	0
FTH	Front tow hooks	0	-	S	0	-
MIL	Military data plate	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0
PWL	Power windows and locks	0	0	S	0	0
RACS	AM/FM radio w/integral cassette player	0	0	0	0	0
RAD	AM/FM Radio w/Integral CD player	0	0	0	0	0
RH3***	Class 3 draw bar reciever, (OEM)	-	0	-	-	0
SRG	Sliding rear window	0	0	S	-	0
SK	Metric odometer	0	0	-	0	0
T5	Manual transmission	0	0	-	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

Table 11: Pickup, Compact, Crew Cab, 4X2 and 4X4

**Table 12: Pickup, Full Size, Regular Cab, 4X2 and 4X4**

A full size pickup with a regular cab shall be provided. The vehicle shall be equipped with the specified length flush style, double walled construction metal bed with stake pockets, and tailgate with stays. The flush side pickup body shall have the bed sides even with cab doors (except dual wheel vehicles, where extension fenders may be employed). The bed shall provide a minimum of 122 cm (48 in) of unobstructed floor space between the wheel housings. The cab shall have 2 doors.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style Cab - 2 door	Mirrors - Lowmount
Brakes, Type - Power/ABS	Engine Type - Gas
Air Conditioning	Seating Capacity, min. - 3 pass.
Transmission - Automatic/HDA	Style, Body - Flush Side
Differential, type/ratio - OEM std.	Steering - Power
Bumper, Rear - Step Type	Intermittent wipers
Wheelbase - as required	Suspension/Shocks - HDA
Cooling System - HDA	Radio, AM/FM
RH2 - Class 2 Trailer hitch provisions	Suppl. Restraint System
Vinyl Upholstery	Rubber Floor Covering

	4 X 2					4 X 4				
ITEM NO.	41	42	44	44B	44A	46	47	49	49B	49A
PAYLOAD MIN., KG (LB)	852 (1,880)	1425 (3,150)	1632 (3,600)	1847 (4074)	2494 (5,500)	703 (1,550)	1280 (2,825)	1474 (3,250)	1685 (3716)	2063 (5,300)
GVWR min., KG (LB)	2721 (6,000)	3492 (7,700)	minimum 3900 (8,600)	minimum 4172 (9200)	minimum 4762 (10,500)	minimum 2657 (6,000)	minimum 3492 (7,700)	minimum 3900 (8,600)	minimum 4172 (9200)	minimum 4762 (10,500)
Engine, min. CD/cyl.	3.7 L/6	5.3 L/8	5.3 L/8	5.3 L/8	5.3 L/8	3.7 L/6	5.3 L/8	5.3 L/8	5.3 L/8	5.3 L/8
Transfer case	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
Wheels, dia.	16 in.	16 in.	16 in.	16 in. single	16 in. dual rear	16-17 in.	16 in.	16-17 in.	16 in.	16-17 in.
Tires, type/ tread, min.	P225 R/AS	LT225 R/AS	LT235 R/AS	LT245 R/AS	LT215 R/AS	P235R-LT225R OO/AT	LT225R R/OO/AT	LT235R R/OO/AT	LT245 R/OO/AT	LT215 dual rear R/OO/AT
Hubs, frt. wheels locking	N/A	N/A	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
Alternator/battery	105A./540 CCA	105A./540 CCA	105A./600 CCA	105A./600 CCA	105A./600 CCA	105A./540 CCA	105A./540 CCA	105A./600CCA	105A./600 CCA	105A./600 CCA
Fuel, min., L (GAL)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)
Load bed size, min. M (FT)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)
Skid plates	N/A	N/A	N/A	N/A	N/A	std.	std.	std.	std.	std.

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

Extended cab pickups now have new item designations and the availability of some selected options. Alternative fuel vehicles may have limited order times, engines, models and equipment. Call before ordering.

REPRESENTATIVE VEHICLES

	4 X 2				
ITEMS:	41	42	44	44B	44A
Chrysler (C)	1500	-	2500	-	C3500
Ford (F) N/A w/BL	F150	F150	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/GAS ENG in CA)	F350 <sup>1</sup> (STD engine N/A in CA)
GM (G)	C1500	C2500* CNG & CNG 2 only	C2500	2500 HD	-

BED TYPE					
Long bed (STD)					
Chrysler (C)	DR1L62	-	BR2L62	-	3500
Ford (F)	F17 (long)	F17 (long)	F20	F30	F32
GM (G)	C15903	-	C25903	C25903HD	-
Short bed (L6)					
(C)	DR1L61	-	-	-	
(F)	F17 (short)	-	-	-	
(G)	C15703	C25903 * CNG & CNG 2 only	C25903	-	

1. Available with leaded fuel (LF).  
\*Reduced payload to 3,000 lbs. (4x2) and 2,500 lbs. (4x4). Long bed = short load space (6 ft.) w/CNG



	4 X 4				
ITEM:	46	47	49	49B	49A
Chrysler (C)	1500 (N/A w/6 cyl) G4 N/A w/T4	-	2500	-	3500
Ford (F) N/A w/BL	F150 N/A w/LT	F150	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/ GAS ENG in CA)	F350 <sup>1</sup> STD ENG N/A in CA
GM (G)	K1500 (T4 N/A in CA)	K2500* -	K2500	2500 HD	K3500

BED TYPE					
Long bed (STD)					
Chrysler (C)	DR6L62	-	BR7L62	-	BR8L62
Ford (F)	F18 (long)	F18 (long)	F21	F31	F33
GM (G)	CK15903	-	CK25903	CK25903HD	CK35903
Short bed (L6)					
(C)	DR6L61	-	-	-	-
(F)	F18 (short)	-	-	-	-
(G)	CK15703	CK25903* CNG & CNG2	-	-	-



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

Table 12: Pickup, Full Size, Regular Cab, 4X2 and 4X4

Table 12: Pickup, Full Size, Regular Cab, 4X2 and 4X4

## OPTIONAL EQUIPMENT CODES

O = Option available    O\*\* = Sole source    S = Standard on specified item

OPTION CODES	4 X 2					4 X 4				
	41	42	44	44B	44A	46	47	49	49B	49A
AT All-terrain/on-off road tires min. rear	-	-	0	0	N/A(G)0	S	S	S	S	S
AW1, AW2, AW3 Additional Warranty	0	0	0	0	0	0	0	0	0	0
BL** Bedliner (C only)	0**(C)	-	0**(C)	-	0**(C)	0**(C)	-	0**(C)	-	0**(C)
CM Carpeted Floor Covering	0	0	0	0	0	0	0	0	0	0
CNG Compressed natural gas (dedicated), 8 cyl	-	0	-	-	-	-	0	-	-	-
CNG2 Compressed natural gas/gasoline, 8 cyl	-	0	-	-	-	-	0	-	-	-
CNS Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS Cruise control/tilt steering	0	0	0	0	0	0	0	0	0	0
CU Cloth Upholstery	0	0	0	0	0	0	0	0	0	0
D3 Special traction, rear	0	0	0	0	0	0	0	0	0	0
D7 Towing/mountain ratio	0	0	0	0	0	0	0	0	0	0
DA Delete air conditioning (min. 80 amp alternator) (N/A C)	0	0	0	0	0	0	0	0	0	0
E3 Eight cylinder engine (min. 4.6L)	0(S-F)	-	-	-	-	0(S-F)	-	-	-	-
E4 Eight cylinder (min. 5.3L)	0	S	S	S	S	0	S	S	S	S
E5 Eight cylinder (min. 6.8L)	-	-	0	0	0	-	-	0	0	0
EH Block heater, OEM (Std. w/YD)	0	0	0	0	0	0	0	0	0	0
FPUC Fiber Glass Pick Up Cap** (req. MCT)	-	-	-	-	-	-	-	-	0**(G)	-
FTH Front tow hooks	-	-	-	-	-	0	0	0	0	0
L6 Short bed, max. 2.1m. (6.5ft.) (Fuel min. 94L(25))	0	-	-	-	-	-	-	-	-	-
LF Leaded fuel (export) (STD ENG and T6 only)	-	-	0**(F)	0**(F)	0**(F)	-	-	0**(F)	0**(F)	0**(F)
LPG2 Bi-fuel (LPG or gasoline)	-	0**(F)	-	-	-	-	0**(F)	-	-	-
LT Light truck tires, min 16 in.	-	S	S	S	S	0	S	S	S	S
MCT Off Road Extended Duty Package** (req. YD)	-	-	-	-	-	-	-	-	0**(G)	-
MCTE On Board 5000 Watt Electrical System** (req. MCT)	-	-	-	-	-	-	-	-	0**(G)	-
MCTL Military pkg. (military only) (req. MCT)	-	-	-	-	-	-	-	-	0**(G)	-
MIL Military plate data	0	0	0	0	0	0	0	0	0	0
MIL1 Navy license plate	0	0	0	0	0	0	0	0	0	0
MIL2 Army license plate	0	0	0	0	0	0	0	0	0	0
MWW Removable Winch** (req. MCT)	-	-	-	-	-	-	-	-	0**(G)	-

\*\* Indicates Sole Source Item.

NOTES: When Code CNG is specified, GVWR will be 8,500 lbs.



OPTIONAL EQUIPMENT CODES (continued)

O = Option available    O\*\* = Sole source    S = Standard on specified item

4 X 2						4 X 4					
OPTION CODES		41	42	44	44B	44A	46	47	49	49B	49A
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0	0
PT	PTO opening on transfer case and/or transmission	-	-	0	0	0	-	-	0	0	0
PWL	Power windows and locks	0	0	0	0	0	0	0	0	0	0
RACS	AM/FM Radio w/Integral cassette player	0	0	0	0	0	0	0	0	0	0
RAD	AM/FM Radio w/Integral disc player	0	0	0	0	0	0	0	0	0	0
RH3***	Class 3 Trailer towing package, (OEM)	0	0	0	0	0	0	0	0	0	0
RH4***	Class 4 Trailer towing package, (OEM)	0	0	0	0	0	0	0	0	0	0
RM	Mirrors, camper style	0N/A(F)	0**(G)	0	0	0	0N/A(F)	-	0	0	0
SK	Metric odometer	0	0	0	0	0	0	0	0	0	0
SRG	Sliding rear window	0(N/A-G)	0**(F)	0(N/A-G)	0**(F)	0(N/A-G)	0(N/A-G)	0**(F)	0(N/A-G)	0**(F)	0(N/A-G)
SZ	Snowplow prep. package	-	-	-	-	-	-	0	0	0	0
T5	Manual transmission	0	0N/A(F)	0	0	0	0	0N/A(F)	0	0	0
T6	6 Speed manual transmission	-	-	0	0	0	-	-	0	0	0
YD	Diesel engine, turbocharged (EH is std.)	-	-	0	0	0	-	-	0	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

\*Sole Source



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

Table 12: Pickup, Full Size, Regular Cab, 4X2 and 4X4



Table 13: Pickup, Full Size, Extended Cab, 4X2 and 4X4

A full size pickup with an extended cab shall be provided. The vehicle shall be equipped with the specified length flush style, double walled construction metal bed with stake pockets, and tailgate with stays. The flush side pickup body shall have the bed sides even with cab doors (except dual wheel vehicles, where extension fenders may be employed). The bed shall provide a minimum of 122 cm (48 in) of unobstructed floor space between the wheel housings. The cab shall have a minimum of 2 doors and 2 windows on each side.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.	
Style, Body/Cab Doors Min. - Flush Side/4 Door	Cooling System - Hda
Wheelbase - As Required	Seating Capacity, Min. - 4 Pass.
Engine Type - Gas	Bumper, Rear Type - Step Style
Transmission -auto/Hda Cooling	Radio - AM/FM
Differential, type/ratio - OEM std.	Air Conditioning
Suspension/Shocks - Hda	Intermittent Wipers
Brakes, Type - Power/ABS	Mirrors - Lowmount
Steering - Power	Front air bags
Vinyl Upholstery/Rubber Floor Covering	Class 2 trailer hitch provisions

4 X 2						4 X 4				
ITEM NO.	41C	42C	44C	44E	44D	46C	47C	49C	49E	49D
PAYLOAD MIN., KG (LB)	680 (1,500)	1360 (3,000)	1542 (3,400)	1632 (3,600)	2267 (5,000)	671 (1,300)	1224 (2,700)	1315 (2,900)	1540 (3,381)	2267 (5,000)
GVWR min., KG (LB)	2744 (6,050)	3492 (7,700)	3900 (8,600)	4180 (9,200)	4762 (11,000)	2834 (6,250)	3492 (7,700)	3991 (8,600)	4180 (9,200)	4989 (11,200)
Engine, min. CD/cyl.	4.6 L/8	5.4 L/8	5.4 L/8	5.4 L/8	5.4 L/8	4.6 L/8	5.4 L/8	5.4 L/8	5.4 L/8	5.4 L/8
Transfer case	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
Hubs, frt. wheels locking	N/A	N/A	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in.	16 in.	16 in.	16 in.	16 in. dual rear	15/16 in.	16 in.	16 in.	16 in.	16 in./dual rear
Tires, type/tread, min.	P225/R/AS	LT225/R/AS	LT235/R/AS	LT245/AS	LT215/R/AS	P235R-LT225R/OO/AT	LT225R/AT	LT235R/AT	LT245/AT	LT215/R/AT
Alternator/battery	105A./540 CCA	100A./540 CCA	100A./600 CCA	105A./600 CCA	100A./600 CCA	100A./540 CCA	100A./540 CCA	100A./600 CCA	105A./600 CCA	100A./600 CCA
Fuel, long/short bed, min., L (GAL)	94 (25)	94 (25)	113 (30)	113 (30)	113 (30)	94 (25)	94 (25)	113 (30)/94(25)	113 (30)	113 (30)
Load-bed size, min., M (FT)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)	2.4 (8)
Skid plates	N/A	N/A	N/A	N/A	N/A	std.	std.	std.	std.	std.

NOTES: Extended warranty coverage may be available on these vehicles.  
Refer to New Vehicle Guide warranty section.  
The availability of some selected options and alternative fuel vehicles may have limited order times, locations, engines, models, and equipment. Call before ordering.



REPRESENTATIVE VEHICLES

4 X 2					
ITEMS:	41C	42C	44C	44E	44D
Chrysler (C)	1500	-	2500	-	3500
Ford (F) N/A w/BL	F150 <sup>2,3</sup>	F150 <sup>2,3*</sup>	F250 <sup>1</sup>	F350 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/ STD ENG in CA)
GM (G)	C1500	C2500*w/ CNG & CNG2 only	C2500	2500HD	C3500

BED TYPE

Long Bed (std)

Chrysler (C)	DR1L42	-	BE2L34	-	BE3L34
Ford (F)	X17 (long) <sup>3</sup>	-	X20 (long)	X30	X32 (long)
GM (G)	C15953	-	C25953	C25953HD	C35953
Short bed (L6)					
Chrysler (C)	DR1L41	-	BE2L33	-	-
Ford (F)	X17 (short) <sup>3</sup>	X17*	X20 (short) X30	-	X32 (short)
GM (G)	C15753	C25753*	C25753	C25753HD	-

\*Note: On CNG or LPG models the long bed is furnished, but usable length is reduced due to fuel storage tanks.

4 X 4					
ITEM:	46C	47C	49C	49E	49D
Chrysler (C)	1500 (N/A w/6 cyl)	-	2500	-	3500
Ford (F) N/A w/BL	F150 N/A w/LT	F150*	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/GAS ENG in CA)	F350 <sup>1</sup> (T6 N/A w/ STD ENG in CA)
GM (G)	K1500	K2500*w/ CNG & CNG2 only	K2500	2500HD	K3500

BED TYPE

Long bed (STD)

Chrysler (C)	DR6L42	-	BE7L34	-	BE8L34
Ford (F)	X18 (long)	-	X21 (long)	X31	(long) X33
GM (G)	K15953	-	K25953HD	K25953HD	K35953
Short bed (L6)					
Chrysler (C)	DR6L41	-	BE7L33	-	-
Ford (F)	X18 (short)	X18*	X21 (short) X31	-	(short) X33
GM (G)	K15753	K25753*	K25753	- K25753HD	-

- 1. Available with leaded fuel.
- 2. Available with CNG.
- 3. Available with CNG2.

Table 13: Pickup, Full Size, Extended Cab, 4X2 and 4X4

Table 13: Pickup, Full Size, Extended Cab, 4X2 and 4X4

## OPTIONAL EQUIPMENT CODES

O = Option available    O\*\* = Sole source    S = Standard on specified item

		4 X 2					4 X 4				
OPTION CODES		41C	42C	44C	44E	44D	46C	47C	49C	49E	49D
AT	All-terrain/on-off road tires min. rear	-	0 N/A(F)	0	0	0	S	S	S	S	S
AW1, AW2, AW3	Additional Warranty	0	0	0	0	0	0	0	0	0	0
BL	Bedliner (C**)	0	0	0	0	0	0	-	0	0	0
BS	Bucket Seats	0	0	0	0	0	0	0	0	0	0
CM	Carpeted floor covering	0	0	0	0	0	0	0	0	0	0
CNG	Compressed natural gas (dedicated) 8 cyl	-	0	-	-	-	-	0	-	-	-
CNG2	Compressed natural gas/gasoline, 8 cyl	-	0	-	-	-	0	0	-	-	-
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS	Cruise Control/Tilt Steering	0	0	0	0	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0	0	0	0	0
D3	Special traction, rear	0	0	0	0	0	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0	0	0	0	0	0
DA	Delete air conditioning	0 N/A(C)	0	0	0	0	0 N/A(C)	0	0	0	0
E4	Eight cylinder, extra power, min 5.3 L.	0	S	S	S	S	0	S	S	S	S
E5	Eight/ten cylinder, extra power, min 6.8 L.	-	-	0 N/A (G)	0	0	0 N/A(F)	-	0 N/A (G)	0	0
EH	Block heater, OEM (Std. w/YD)	0	0	0	0	0	0	0	0	0	0
FPUC	Fiber Glass Pick Up Cap (Requires MCT)	-	-	-	-	-	-	-	0	-	-
FTH	Front tow hooks (S G4x4)	0	0	0	0	0	0	0	0	0	0
L6	Short bed, max. 2.1m. (min. fuel capacity 25 gals) (N/A w/CNG or CNG 2)	0	-	0	0	-	0	-	0	0	-
LF	Leaded fuel (export) (STD engine and TG only)	-	-	0**(F)	0**(F)	0**(F)	-	-	0**(F)	0**(F)	0**(F)
LPG2	Bi-fuel (LPG or gasoline)	0**(F)	0**(F)	-	-	-	0**(F)	0**(F)	-	-	-
LT	Light truck tires, min 16 in.	-	S	S	S	S	0	S	S	S	S
MCT	Off Road Extended Duty Package** (G) Req. "YD"	-	-	-	-	-	-	-	0 (G)	-	-

NOTE:    \*\*Indicates sole source item.

## OPTIONAL EQUIPMENT CODES (continued)

O = Option available    O\*\*= Sole source    S = Standard on specified item

		4 X 2					4 X 4				
OPTION CODES		41C	42C	44C	44E	44D	46C	47C	49C	49E	49D
MCTE	On Board 5000 Watt Electrical System** (req. MCT)	-	-	-	-	-	-	-	0(G)	-	-
MCTL	Military Pkg., Off road extended duty (military only) (req. MCT)	-	-	-	-	-	-	-	0(G)	-	-
MEW	Removable Winch** (req. MCT)	-	-	-	-	-	-	-	0(G)	-	-
MIL	Military data plate	0	0	0	0	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0	0
PT	PTO opening on transfer case	-	-	-	-	0	-	-	0	-	0
PWL	Power windows and locks	0	0	0	0	0	0	0	0	0	0
RACS	AM/FM Radio w/cassette player	0	0	0	0	0	0	0	0	0	0
RAD	AM/FM Radio w/Integral disc player	0	0	0	0	0	0	0	0	0	0
RF	Rubber Floor Mat	0	0	0	0	0	0	0	0	0	0
RH1***	Class 1 Trailer hitch provisions, (OEM)	0	0	0	0	0	0	0	0	0	0
RH3***	Class 3 Draw bar receiver, (OEM)	0	0	0	0	0	0	0	0	0	0
RH4***	Class 4 Draw bar receiver, (OEM)	0	0	0	0	0	0	0	0	0	0
RHP2***	Class 2 Trailer hitch provisions, (OEM)	0	0	0	0	0	0	0	0	0	0
RM	Mirrors, camper style	0	0	0	0	0	0	0	0	0	0
SK	Metric odometer	0	0	0	0	0	0	0	0	0	0
SRG	Sliding rear window	0	0	0	0	0	0	0	0	0	0
SZ	Snowplow prep. package	-	-	-	-	-	-	-	0	-	0
T5	Manual transmission	0	-	0(N/A F)	0	0(N/A F)	0	-	0(N/A F)	0(N/A F)	0(N/A F)
T6	6 Speed manual transmission ([G] REQ E5)	-	-	0(C w/YD only)	0	0(C, YD only)	-	-	0**(F)	0	0(C, YD only)
TLP	Trailer towing lighting package	0	0	0	0	0	0	0	0	0	0
YD	Diesel engine, turbocharged (EH is std.)	-	-	0	0	0	-	-	0	0	0



NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

\*\* Sole Source Item

All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

Table 13: Pickup, Full Size, Extended Cab, 4X2 and 4X4

**Table 14: Pickup, Full Size, Crew Cab, 4X2 and 4X4**

A full size pickup with a crew cab shall be provided. The vehicle shall be equipped with the specified length flush style, double walled construction metal bed with stake pockets, and tailgate with stays. The flush side pickup body shall have the bed sides even with cab doors (except dual wheel vehicles, where extension fenders may be employed). The bed shall provide a minimum of 122 cm (48 in) of unobstructed floor space between the wheel housings. The cab shall have 4 doors, each with a window. A rear seating arrangement in the cab for a three (3) passengers shall be provided.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 4 Door	Alternator/Battery - 95A./600 CCA
Front Air Bags	Cooling System - HDA
Engine Type - Gas	Body Style - Flush Side
Transmission - Auto/HDA cooling	Bumper, Rear Type - HD Step
Differential, type/ratio - OEM std.	Radio - AM/FM
Suspension/Shocks - HDA	Air Conditioning
Brakes, Type - Power/ABS	Intermittent Wipers
Steering - Power	Mirrors - Lowmount
Vinyl Upholstery/Rubber Floor Covering	RH 2 Trailer Hitch Provisions (.75 in hole)

**4 X 2**

ITEM NO.	50	51**	51C	52	54
PAYLOAD MIN., KG (LB)	743 (1,640)	635 (1,400)	1420 (3,130)	1496 (3,300)	2267 (5,000)
GVWR min., KG (LB)	2720 (6,000)	3084 (6,800)	3900 (8,600)	4080 (9,200)	4988 (11,200)
Engine, L/cyl.	4.6 L/8	5.3 L/8	5.4L/8	5.4L/8	5.4L/8
Transfer case	N/A	N/A	N/A	N/A	N/A
Wheels, dia.	16 in.	16 in.	16 in.	16 in. single	16 in./dual rears
Tires, type/tread, min.	P/LT 245/AS	P265/AS	LT235/AS	LT245/R/AS	LT215/R/AS
Hubs, frt wheels locking	N/A	N/A	N/A	N/A	N/A
Fuel capacity, min., L (GAL)	94 (25)	113 (30)	94 (25)	130 (34)	130 (34)
Load-bed size, min., M (FT)	1.5 (5.5)	(4.5)	3.0 (6.5)	2.4 (8)	2.4 (8)
Skid plates (SP)	N/A	N/A	N/A	N/A	N/A

**4 X 4**

55	56**	56C	57	59A
750 (1,670)	611 (1,348)	1260 (2,780)	1406 (3,100)	2131 (4,700)
2900 (6,700)	3175 (7,000)	3900 (8,600)	4170 (9,200)	4988 (11,200)
4.6L/8	5.3 L/8	5.4 L/8	5.4L/8	5.4L/8
2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
16 in.	16 in.	16 in.	16 in. single	16 in./dual rears
LT255/AS	P265/AT	LT235/AT	LT235R/AT	LT215R/AT
OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
94 (25)	113 (30)	94 (25)	128 (34)	128 (34)
1.5 (5.5)	(4.5)	3.0 (6.5)	2.4 (8)	2.4 (8)
std.	std.	std.	std.	std.

NOTES: \*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles.

Refer to New Vehicle Guide warranty section.

## REPRESENTATIVE VEHICLES

4 X 2					
ITEMS:	50	51**	51C	52	54
Ford (F) STD (T4 N/A w/ ENG in CA)	F150 WO7	-	F250 <sup>1</sup> W20	F350 <sup>1</sup> W30 (long) W30 (short)	F350 <sup>1</sup> W32 (long)
GM (G)	-	Avalanche C15936	1500HD C15743	C2500HD C25943HD C25743HD	C3500 C35943
Chrysler	1500 DR1L41	-	-	-	-
4 X 4					
ITEMS:	55	56**	56C	57	59A
Ford (F) (T4 N/A w/ STD ENG in CA)	F150 W08	-	F250 <sup>1</sup> W21	F350 <sup>1</sup> W31 (long) W31 (short)	F350 <sup>1</sup> W33 (long)
GM (G)	-	Avalanche CK1543	1500HD K15743	K2500HD K25943HD K25743HD	K3500 K35943
Chrysler	1500 DR6L41	-	-	-	-

1. Available with leaded fuel.



All vehicles pictured on this table are for general example only, and may show options not included in this Standard. All pictures used with permission of respective manufacturer.

## OPTIONAL EQUIPMENT CODES

O = Option available \*\* = Sole source S = Standard on specified item

OPTION CODES		4 X 2					4 X 4				
		50	51**	51C	52	54	55	56**	56C	57	59A
AT	All-terrain/on-off road tires, min. rear	0(N/A F)	0	0	0	0	0	0	0	S	S
AW1, AW2, AW3	Additional Warranty	0	0	0	0	0	0	0	0	0	0
BL	Bedliner	0	0G**	0	-	-	0	0	0	-	-
CM	Carpet floor covering	0	0	0	0	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS	Cruise Control/Tilt Steering	0	S	0	0	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0	0	0	0	0
D3	Special traction, rear	0	0	0	0	0	0	0	0	0	0
D7	Towing/mountain ratio	0(N/A F)	0	0	0	0	0(N/A F)	0	0	0	0
DA	Delete air conditioning (N/A C)	0(N/A F)	0	0	0	0	0(N/A F)	0	0	0	0
E4	Eight cylinder engine min. 5.4L	0	0	S	S	S	0	0	S	S	S
E5	Eight - ten cylinder, extra power min, 6.8L	-	-	0	0	0	(SF)	-	0	0	0(SF)
EH	Block heater, OEM	0	0	0	0	0	0	0	0	0	0
FPUC	Fiber Glass Pick Up Cap** (req. MCT)	-	-	-	-	-	-	-	-	0(G)	-
FTH	Front tow hooks	0	0	0	0	0	0	0	0	0	0
L6	Short bed, min. 2 m (6.5 ft)	-	-	S	0	0**(F)	-	-	S	0	0**(F)
LB	Long bed	-	-	0**(F)	S	S	-	-	0**(F)	S	S
LF	Leaded fuel (export) (req. E4 w/T6)	-	-	0**(F)	0**(F)	0**(F)	-	-	0**(F)	0**(F)	0**(F)
MCT	Off Road Extended Duty Package** (req. YD)	-	-	-	-	-	-	-	-	0(G)	-
MCTE	On Board 5000 Watt Electrical System** (req. MCT)	-	-	-	-	-	-	-	-	0(G)	-
MCTL	Military pkg., req. MCT, military only	-	-	-	-	-	-	-	-	0(G)	-
MIL	Military data plate	0	0	0	0	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0	0	0	0	0
MWW	Removable Winch** (req. MCT)	-	-	-	-	-	-	-	-	0(G)	-
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0	0
RACS	AM/FM Radio w/Integral cassette player	0	0	0	0	0	0	0	0	0	0
RAD	AM/FM Radio w/Integral disc player	0	0	0	0	0	0	0	0	0	0
SZ	Snowplow prep package, OEM	-	-	-	-	-	-	-	0**(F)	0	0

Table 14: Pickup, Full Size, Crew Cab, 4X2 and 4X4

Table 14: Pickup, Full Size, Crew Cab, 4X2 and 4X4

OPTIONAL EQUIPMENT CODES (continued)

O = Option available    \*\* = Sole source    S = Standard on specified item

OPTION CODES		50	51**	51C	52	54	55	56**	56C	57	59A
RH4***	Class 4 Draw bar receiver, (OEM)	0	0	0	0	0	0	0	0	0	0
RM	Camper mirrors	0**(C)	-	0	0	0	0**(C)	0	0	0	0
SRG	Sliding rear window	0	-	0**(F)	0**(F)	0**(F)	0	-	0**(F)	0**(F)	0**(F)
SK	Metric odometer	0	0	0	0	0	0	0	0	0	0
T5	Manual transmission G REQ E5	0**(C)	-	-	0**(G)	0**(G)	0**(C)	-	-	0**(G)	0**(G)
T6	6 speed manual transmission	-	-	0**(F)	0	0	-	-	0**(F)	0	0
YD	Diesel engine, turbocharged (EH is std.)	-	-	0**(F)	0	0	-	-	0**(F)	0	0

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.



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**TABLE 15: Chassis and Cab, Regular Cab, 4X2 and 4X4**

This OEM chassis and cab with a conventional 2 door, regular length cab, as specified, shall be suitable for the subsequent mounting of various applicable styles of truck bodies.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

• Style, Cab - 2 door	Wheelbase - As Required
• Engine Type - Gas	Transmission - Auto/HDA Cooling
• Suspension/Shocks - HDA	Brakes, Type - Power/All Wheel ABS
• Differential, type/ratio - OEM std.	Steering - Power
• Cooling System - HDA	Supplemental Restraint System
• Seating Capacity, min. - 3 pass.	Fuel Capacity, min., L (GAL)113 (30)
• Radio - AM/FM	Air Conditioning
• Intermittent Wipers	Mirrors - Lowmount
• Alternator/Battery 105A/600CCA	Rubber Floor Covering
• Vinyl Upholstery	

**4 X 2**

ITEM NO.	73	74	74A	74B	74D	77	78	79A	79B**	79F**
BODY/PAYLOAD MIN., KG (LB)	1575 (3,500)	1950 (4,300)	2585 (5,700)	4036 (8,900)	4989 (11,000)	1632 (3,600)	1632 (3,600)	2404 (5,300)	2900 (8,600)	4965 (10,950)
GVWR min., KG (LB)	3990 (8,600)	4170 (9,200)	4800 (11,000)	6800 (15,000)	7950 (17,500)	3990 (8,800)	3990 (9,200)	4988 (11,200)	6800 (15,000)	7847 (17,300)
Cab to axle, CA, CM (IN)	142 (56)	142 (56)	152 (60)	152 (60)	152 (60)	142 (56)	142 (56)	152 (60)	152 (60)	152 (60)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8-10	6.8L/8/10	5.4 L/8	5.4 L/8	5.4 L/8	6.8L 8-10	6.8L 8-10
Transfer case	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
Hubs, frt wheels locking	N/A	N/A	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rear	19.5 in./dual rear	19.5 in./dual	16 in./single	16 in./single	16 in./dual rears	19.5 in./dual rear	19.5 in./dual rear
Tires, type tread, min.	LT235/R/AS	LT245/R/AS	LT215/R/AS	LT225/70R/AS	LT225/70R/AS	LT235/R/AT	LT235R/AT	LT215R/AT	LT225/70/AT	LT225/70/AT

**4 X 4**

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

Extended warranty coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.



REPRESENTATIVE VEHICLES

4 X 2

ITEM:	73	74	74A	74B	74D
Chrysler (C)	2500	-	3500	-	-
Ford (F)	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 w/STD ENG N/A in CA)	F350 <sup>1</sup> (N/A w/T6 in CA)	F450	F550
GM (G)	C2500	C2500HD	C3500	560	560
MODEL CODES					
Chrysler	BR2L65	BR2L65	BR3L63 BR3L64	-	-
Ford	F21 w/66D	F34 w/66D	F36	F46	F56
GM	C25903	C25903HD	C36003 C36403	C3I003	C5042

4 X 4

ITEM:	77	78	79A	79B**	79F**
Chrysler (C)	2500	-	3500	-	-
Ford (F)	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 w/STD ENG N/A in CA)	F350 <sup>1</sup> N/A w/STD ENG in CA	F450	F550
GM (G)	-	K2500HD	K3500	-	-
MODEL CODES					
Chrysler	BR7L65	-	BR8L63	-	-
Ford	F21	F31	F37	F47	F57
GM	-	K25903HD	K36003 K36403	-	-

\*\*Indicates sole source item.

1. Available with leaded fuel.

Item 79a is available at 12,000 lb. GVWR from GM only with gasoline engine only.

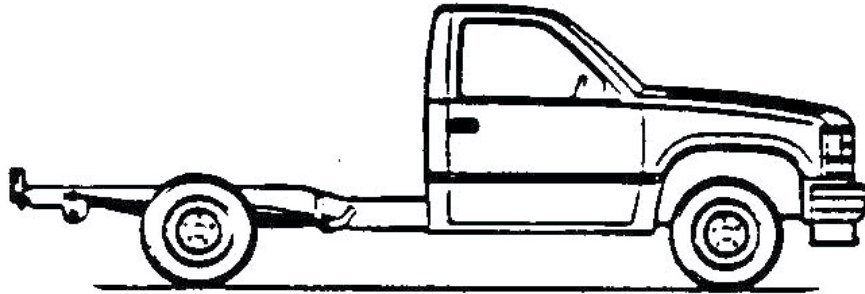
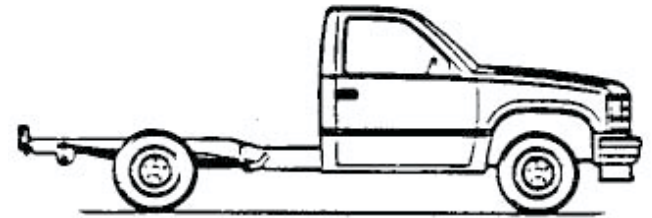


TABLE 15: Chassis and Cab, Regular Cab, 4X2 and 4X4

**TABLE 15: Chassis and Cab, Regular Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available    O\*\*= Sole source    S = Standard on specified item

		4 X 2					4 X 4				
OPTION CODES		73	74	74A	74B	74D	77	78	79A	79B**	79F**
APP	Ambulance prep package (REQ YD and CA6)	-	-	0	0	0	-	-	0	0	0
AT	All-terrain/on-off road tires min. rear	0	0	0	0	0	S	S	S	S	S
CA1	Cab to axle 275 cm (108 in)	-	-	-	0	0	-	-	-	-	-
CA4	Cab to axle 305 cm (120 in)	-	-	-	0	0	-	-	-	-	-
CA6	Cab to axle 152 cm (60 in)	-	O**(F)	S	S	S	-	-	S	S	S
CA8	Cab to axle 212 cm (84 in)	-	-	0	0	0	-	-	0	0	0
CM	Carpeted floor covering	0	0	0	0	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0	0	0	0	0
D3	Special traction, rear	0	0	0	0	0	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0	0	0	0	0	0
DA	Delete air conditioning (min. 105 amp alternator)	0	0	0	0	0	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	S	S	0	0	0	S	S
EH	Block heater, OEM	0	0	0	0	0	0	0	0	0	0
FTH	Front tow hooks (S-G4x4)(N/A C)	-	-	-	-	-	S	S	0	0	0
LF	Leaded fuel (export)(std. Eng & T6 only)	O**(F)	O**(F)	O**(F)	-	-	O**(F)	O**(F)	O**(F)	-	-
MIL	Military data plate	0	0	0	0	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0	0
PT	PTO opening	0	0	0	0	0	0	0	0	0	0



OPTIONAL EQUIPMENT CODES (continued)

O = Option available    O\*\*= Sole source    S = Standard on specified item

		4 X 2					4 X 4				
OPTION CODES		73	74	74A	74B	74D	77	78	79A	79B**	79F**
RACS	AM/FM/radio w/integral cassette player	0	0	0	0	0	0	0	0	0	0
RAD	AM/FM/radio w/integral disc player	0	0	0	0	0	0	0	0	0	0
RM	Camper mirrors	0	0	0	0	0	0	0	0	0	0
SP	Skid plates	-	-	-	-	-	0(N/A F)	0	0(N/A F)	-	-
SK	Metric odometer	0	0	0	0	0	0	0	0	0	0
SRG	Sliding rear window	0	0	0	0	0	0	0	0	0	0
SZ	Snowplow, prep. package	-	-	-	-	-	0	0	0	0	0
T5	Manual transmission	0(N/A F)	0**(G)	0(N/A F)	-	-	0**(C)	0**(G)	0(N/A F)	-	-
T6	Manual transmission (G REQ. E5)	0(C-YD)	0	0(C-YD)	0	0	0	0	0	0	0
TD	Delete spare tire	0	0	0	0	0	0	0	0	0	0
YD	Diesel engine, turbocharged	0(N/A G)	0	0	0	0	0	0	0	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

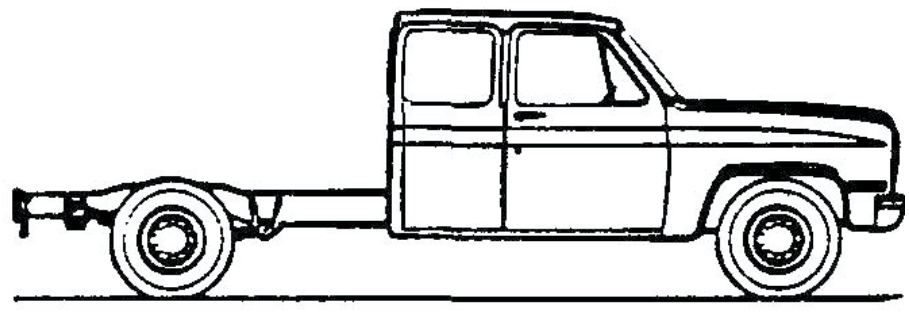
\*\* Indicates sole source item.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 15: Chassis and Cab, Regular Cab, 4X2 and 4X4

TABLE 16: Chassis and Cab, Extended Cab, 4X2 and 4X4

This OEM chassis and cab with a conventional 4-door, extended length cab, as specified, shall be suitable for the subsequent mounting of various applicable styles of truck bodies.



The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 4 door min.	Fuel Capacity, min., L (GAL) - 113 (30)
Engine Type - Gas	Seating Capacity, min. - 4 pass.
Engine, min. CD/cyl. - 5.4 L/8	Bumper, Rear Type - N/A
Transmission - Auto/HDA Cooling	Radio - AM/FM
Suspension/Shocks - HDA	Air Conditioning
Differential, type/ratio - OEM std.	Intermittent Wipers
Brakes, Type - Power/ABS	Mirrors - Trailer Tow
Steering - Power	Vinyl Upholstery
Alternator/Battery - 95A/600 CCA	Supplemental Restraint System
Cooling System - HDA	Rubber Floor Covering

ITEM NO.	4 X 2			4 X 4		
	73C**	73D	74C	77C**	78C	79C**
BODY/PAYLOAD MIN., KG (LB)	1723 (3,800)	1814 (4,000)	2446 (5,395)	1496 (3,300)	1950 (4,300)	2312 (5,100)
GVWR min., KG (LB)	3990 (8,800)	4173 (9,200)	5079 (11,200)	3990 (8,800)	4490 (9,900)	5079 (11,200)
Transfer case	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.
Hubs, frt wheels locking	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rear	16 in./single	16 in./single	16 in./dual rear
Tires, type tread, min.	LT235/R/AS	LT235/R/AS	LT215/R/AS	LT235R/AT/00	LT235R/AT/00	LT215R/AT/00
Cab to axle (CA) cm (in.)	142 (56)	142 (56)	152 (60)	142 (56)	142 (56)	152 (60)

NOTES: \*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles.

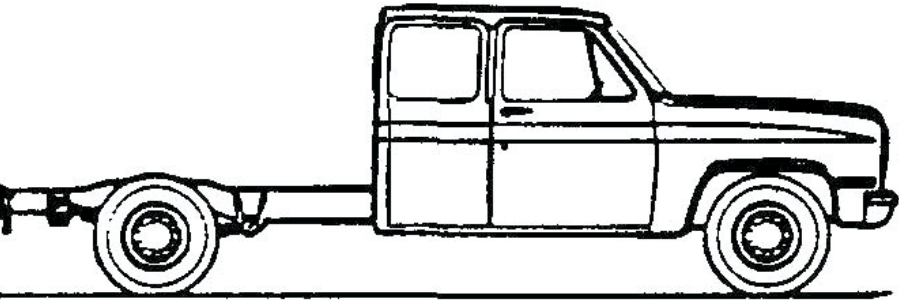
Refer to New Vehicle Guide warranty section.

REPRESENTATIVE VEHICLES

4 X 2			
ITEM:	73C**	73D	74C
Ford (F)	F250	F350 (T6 w/STD ENG N/A in CA)	F350 (N/A w/T6 in CA)
GM	-	2500HD	3500
MODEL CODES			
Ford (F)	X20 w/66D	X30 w/66D	X34
GM	-	C25953HD w/ZW9	C36053

4 X 4			
ITEM:	77C**	78C	79C
Ford (F)	F250	F350 (T6 w/STD ENG N/A in CA)	F350 (N/A w/STD ENG in CA)
GM	-	2500HD	3500
MODEL CODES			
Ford	X21 w/66D	X31 w/66D	X35
GM	-	K25953HD w/ZW9	K36053

\*\*Indicates sole source item.



OPTIONAL EQUIPMENT CODES

O = Option available    O\*\*=Sole source    S = Standard on specified item

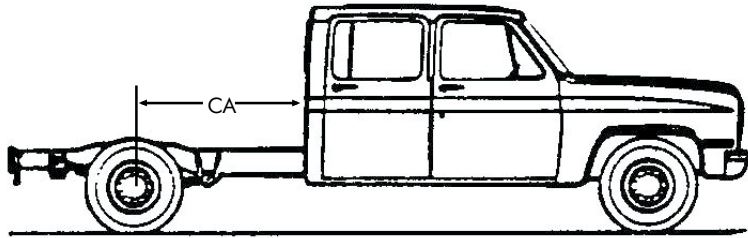
				4 X 2			4 X 4		
OPTION CODES				73C**	73D	74C	77C**	78C	79C
APP	Ambulance prep package (REQ YD and CA6)			-	0	0	0	0	0
AT	All-terrain/on-off road tires min. rear			0	0	0	S	S	S
CA6	60" Cab To Axle			-	0**(F)	S	-	0**(F)	S
CA8	84" Cab to Axle			-	-	0**(G)	-	0	0
CM	Carpeted floor covering			0	0	0	0	0	0
CNS	Consignee delivery			0	0	0	0	0	0
CRTS	Cruise control/tilt steering			0	0	0	0	0	0
CU	Cloth upholstery			0	0	0	0	0	0
D3	Special traction, rear *			0	0	0	0	0	0
D7	Towing/mountain ratio			0	0	0	0	0	0
DA	Delete air conditioning			0	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.			0	0	0	0	0	0
EH	Block heater, OEM			0	0	0	0	0	0
FTH	Front tow hooks			-	-	-	0	0	0
LF	Leaded fuel (export) (REQ T6 w. std ENG)			0	0**(F)	0**(F)	0	-	-
MIL	Military data plate			0	0	0	0	0	0
MIL 1	Navy license plate			0	0	0	0	0	0
MIL2	Army license plate			0	0	0	0	0	0
PSM	Parts and service manuals			0	0	0	0	0	0
PT	PTO opening			-	0	0	-	0	0
RACS	AM/FM/radio w/integral cassette player			0	0	0	0	0	0
RAD	AM/FM/radio w/integral CD player			0	0	0	0	0	0
SP	Skid plates			-	-	-	0	0	0
SK	Metric odometer			0	0	0	0	0	0
SRG	Sliding rear window			0	0	0	0	0	0
T6	6 speed manual transmission (G REQ. E5)			0	0	0	0	0	0
TD	Delete spare tire			0	0	0	0	0	0
YD	Diesel engine, turbocharged			0	0	0	0	0	0

Notes:    \* It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.  
             \*\* Indicates sole source item.  
             \*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 16: Chassis and Cab, Extended Cab, 4X2 and 4X4

**TABLE 17: Chassis and Cab, Crew Cab, 4X2 and 4X4**

This OEM chassis and cab with a conventional 4 door, crew cab, as specified, shall be suitable for the subsequent mounting of various applicable styles of truck bodies.



The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, cab - 4 door	Cooling System - HDA
Engine Type - Gas	Seating Capacity, Min. - 6 Pass.
Transmission - Auto/Hda Cooling	Bumper, Rear Type - N/A
Suspension/Shocks - HDA	Radio - AM/FM
Differential, type/ratio - OEM std.	Air Conditioning
Brakes, Type - Power - ABS	Intermittent Wipers
Steering - Power	Mirrors - Lowmount
Alternator/Battery - 95a./600 Cca	Supplemental Restraint System
Vinyl Upholstery	Rubber Floor Covering

**4 X 2**

ITEM NO.	73E**	73F	74E	74F**	74G**
BODY/PAYLOAD MIN., KG (LB)	1564 (3,450)	1768 (3,900)	2358 (5,200)	3764 (8,300)	4762 (10,500)
Style, cab	4 door	4 door	4 door	4 door	4 door
GVWR min., KG (LB)	3990 (8,800)	4173 (9,200)	5099 (11,200)	6800 (15,000)	7950 (17,500)
Cab to axle (CA) cm (in.) MIN./MAX.-	142 (56)	142 (56)	142 (56)	152 (60)	152 (60)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8-10	6.8L/8-10
Transfer case	N/A	N/A	N/A	N/A	N/A
Hubs, frt wheels locking	N/A	N/A	N/A	N/A	N/A
Wheels, dia.	16 in./single	16 in./single	16 in./dual rear	19.5 in./dual rear	19.5 in./dual
Tires, type tread, min.	LT235/R/AS	LT245/R/AS	LT225/R/AS	LT225-70R/AS	LT225/70R/AS
Fuel Cap., min., L (GAL)	113 (30)	113 (30)	113 (30)	151 (40)	151 (40)

**4 X 4**

77E	78E	79E	79D**	79G**
1383 (3,050)	1623 (3580)	2176 (4,800)	3642 (8,030)	4672 (10,300)
4 door	4 door	4 door	4 door	4 door
3990 (8,800)	4173 (9,200)	4,540 (11,200)	6800 (15000)	7950 (17500)
142 (56)	142 (56)	142 (56)	152 (60)	152 (60)
5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8-10	6.8 L/8-10
2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
16 in./single	16 in./single	16-19.5 in./dual rear	19.5 in./dual rear	19.5 in./dual rear
LT235R/AT	LT235R/AT	LT215R/AT	LT225/70/AT	LT225/70/AT
113 (30)	113 (30)	113 (30)	113 (30)	113 (30)

NOTES: \*\*Indicates sole source item.

Extended warranty coverage may be available on these vehicles.

Refer to New Vehicle Guide warranty section.

REPRESENTATIVE VEHICLES

4 X 2					
ITEM:	73E**	73F	74E	74F**	74G**
Ford (F)	F250	F350 (T6 w/STD ENG N/A in CA)	F350 <sup>1</sup> (N/A w/ T6 in CA)	F450	F550
GM (G)	-	C2500HD	C3500	-	-
MODEL CODES					
Ford	W20 w/66D	W30 w/66D	W36	W46	W56
GM	-	C25943HD w/ZW9	C35943	-	-

4 X 4					
ITEM:	77E**	78E	79E	79D**	79G**
Ford (F)	F250	F350 (T6 w/STD ENG N/A in CA)	F350 (N/A w/STD ENG in CA)	F450	F550
GM (G)	-	K2500HD	K3500	-	-
MODEL CODES					
Ford	W21 w/66D	W31 w/66D	W37	W47	W57
GM	-	K25943HD w/ZW9	K35943	-	-

\*\*Indicates sole source item.

1. Available with leaded fuel.

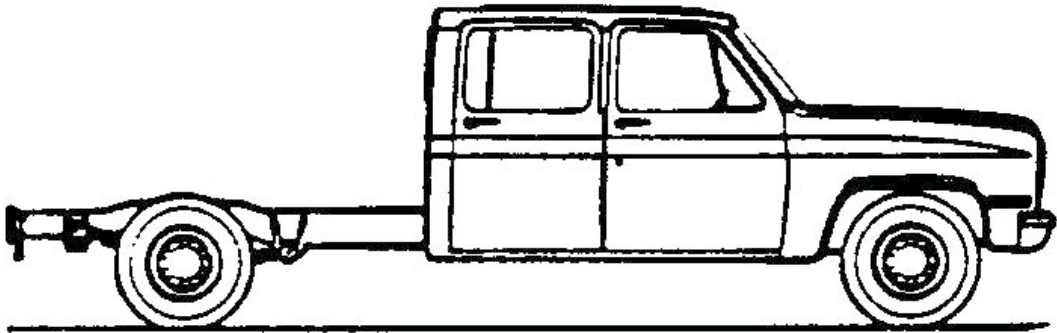


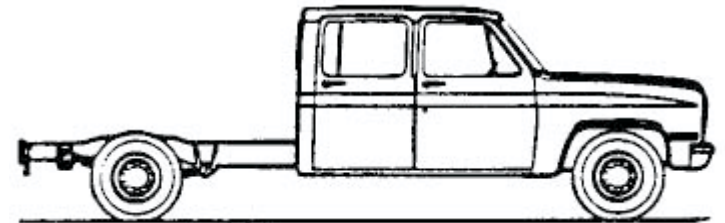
TABLE 17: Chassis and Cab, Crew Cab, 4X2 and 4X4

**TABLE 17: Chassis and Cab, Crew Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available    O\*\*= Sole source    S = Standard on specified item

OPTION CODES	4 X 2					4 X 4				
	73E**	73F	74E	74F**	74G**	77E	78E	79E	79D**	79G**
APP Ambulance Prep Package (Requires YD and CA6)	-	0	0	0	0	-	0	0	0	0
AT All-terrain/on-off road tires min. rear	0	0	0	0	0	S	S	S	S	S
CA6 Cab to axle 152 cm (60 in)	-	0**(F)	0**(F)	S	S	-	0**(F)	0**(F)	S	S
CM Carpeted floor covering	0	0	0	0	0	0	0	0	0	0
CNS Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS Cruise control/tilt steering	0	0	0	0	0	0	0	0	0	0
CU Cloth upholstery	0	0	0	0	0	0	0	0	0	0
D3 Special traction, rear *	0	0	0	0	0	0	0	0	0	0
D7 Towing/mountain ratio	0	0	0	0	0	0	0	0	0	0
DA Delete air conditioning	0	0	0	0	0	0	0	0	0	0
E5 Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	S	S	0	0	0	S	S
EH Block heater, OEM	0	0	0	0	0	0	0	0	0	0
FTH Front tow hooks	-	-	-	-	-	0	0	0	0	0
LF Leaded fuel (export)(Req std. ENG & T6)	0**(F)	0**(F)	0**(F)	-	-	0**(F)	0**(F)	0**(F)	-	-
MIL Military data plate	0	0	0	0	0	0	0	0	0	0
MIL1 Navy license plate option	0	0	0	0	0	0	0	0	0	0
MIL2 Army license plate option	0	0	0	0	0	0	0	0	0	0
PSM Parts and service manuals	0	0	0	0	0	0	0	0	0	0
PT PTO opening on transmission and/or transfer case	0	0	0	0	0	0	0	0	0	0
RACS AM/FM/radio w/intergral cassette player	0	0	0	0	0	0	0	0	0	0
RAD AM/FM/radop w/intergral CD player	0	0	0	0	0	0	0	0	0	0
RM Trailer towing mirrors	0	0	0	0	S	0	0	0	S	S
SP Skid plates	-	-	-	-	-	0	0	0	0	0
SK Metric odometer	0	0	0	0	0	0	0	0	0	0
SRG Sliding rear window	0	0	0	0	0	0	0	0	0	0

\*\* Indicates sole source item.





OPTIONAL EQUIPMENT CODES (continued)

O = Option available    O\*\*= Sole source    S = Standard on specified item

		4 X 2					4 X 4				
OPTION CODES		73E**	73F	74E	74F**	74G**	77E	78E	79E	79D**	79G**
T6	6 speed manual transmission (G REQ. E5)	0	0	0	0	0	0	0	0	0	0
TD	Delete spare tire	0	0	0	0	0	0	0	0	0	0
YD	Diesel engine, turbocharged	0	0	0	0	0	0	0	0	0	0

Notes:    \*It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

          \*\* Indicates sole source item.

          \*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

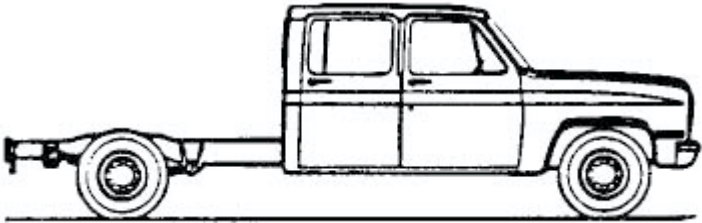


TABLE 17: Chassis and Cab, Crew Cab, 4X2 and 4X4

# TABLES 18, 19 & 20

## Utility Service; Regular, Extended, and Crew Cab, 4X2 and 4X4

The truck specified shall be furnished with an open (without roof) utility service body with applicable equipment. The body and cabinetry shall be constructed of corrosion resistant A40 galvaneel minimum, or other specified material such as all fiberglass (code FG), or all aluminum (code AL), each constructed with strength equal to steel. Units other than steel shall generally conform to the dimensional, layout, performance and the design specified herein, with the exception of basic body material used to accomplish the objectives (e.g. safety tread steel plate floor or equal, etc.). The body shall have a center load compartment with cabinets on each side. Service bodies shall be a body manufacturer's commercial model as represented in the manufacturer's current technical data and as required herein. The body shall include, but not limited to, the body manufacturer's furnished locks, latches, hinges, wiring harnesses, flush mounted lights, all mounting hardware and components. Items normally furnished by the chassis manufacturer, such as but not limited to fuel system fill components, shall be used for integrating the body with the chassis. Body installers shall fully conform to body and chassis manufacturer's instructions and recommendations.

The body shall be the low profile type with dimensions as shown in Table A and with a minimum load space height of 62 cm (24.5 in).

Load compartment floor thickness shall be of not less than 12 gage (2.7 mm (0.1046 in)) galvaneel safety tread steel plate. Bulkhead shall be constructed to a minimum height of 48 cm (19 in) above the load space floor, and shall be not less than 16 gage (1.5 mm (0.0598 in)) galvaneel, reinforced for rigidity. When body is made of aluminum, the minimum strengths shall be furnished and the floor shall be a minimum of 3.2 mm (0.125 in) 5086-H34 and bulkhead shall be a minimum of 2 mm (0.080 in) 5052-H32 aluminum and including reinforcement for rigidity. When a telescoping roof is specified (code UTR), the bulkhead shall be constructed to full height of cabinets. The bulkhead shall be capable of withstanding a horizontal static load equal to 1/2 the payload capacity of the vehicle without permanent distortion. On fiberglass bodies the cab guard shall be steel or aluminum. The guard shall be at least the width of the load space and the height of the cab and include openings for rear visibility.

Tailgate shall be constructed of not less than 16 gage (1.5 mm (0.0598 in)) double paneled or 14 gage (1.9 mm (0.0747 in)) single panel galvaneel, reinforced for rigidity. Tailgate shall be hinged and equipped with supports for retention in horizontal position and when in the horizontal position shall be aligned flush or slightly lower than floor level. Tailgate shall be minimum 23 cm (9 in) high. Aluminum tailgates shall be double paneled construction from a minimum 2mm (0.080 in) material or single panel 2.3 mm (0.090), reinforced for rigidity.

**TABLE A – Low Profile Utility Service Body,  
Additional Dimensions (cm (in))**

COMPONENT	SINGLE REAR WHEELS	DUAL REAR WHEELS
Cab to axle .....	as specified (see 3.6.4.1) .....	
Overall length .....	see tables 18, 19, and 20 .....	
Overall body width, min/max (3.6.15)	193 (76)/203 (80)	218 (86)/228 (90.5) on narrow axle 235 (92)/244 (96) on wide axle
Load space:		
Width (excluding wheel housing), min	123 (48.4)	123 (48.4), opt. 127 (50) code XW
Height, min./max	48 (19)/62 (24.5) max.	48 (19)/62 (24.5) max.
Cabinet space:		
Height at front, min/max	89 (33)/99 (39) max	89 (35)/99 (39) max.
Height at rear, min/max	79 (31)/99 (39) max	79 (31)/99 (39) max.
Depth,* min	35 (14)	46 (18)
Volume (Each side)	see tables	see tables
*Excluding structural cutouts		

Cabinet headers shall be not less than 14 gage (1.9 mm (0.0747 in)) galvaneel. Cabinet backs and partitions shall be of not less than 16 gage (1.5 mm (0.0598 in)) galvaneel steel. Cabinet shelves shall be capable of supporting a minimum of 91 kg (200 lb) each when supported no more than 10 cm (4 in) in from each end of the shelves. Cabinet doors shall be double panel constructed from not less than 20 gage (0.9 mm (0.0359 in)) galvaneel, with reinforcement. Aluminum doors shall be double panel construction from a minimum 1.6 mm (0.063 in), 5052 H32 material. Aluminum and fiberglass body shall have cabinet material and construction of the same material(s) as the rest of the body. Strength of finished cabinets shall be at least equal to that of steel construction. The steel cabinet interior shall be prepared, primed, and finished painted with a light colored gloss gray finish paint (not a primer finish), except that galvanized coated steel shelves need not be painted.

Cabinet arrangement shall include two vertical cabinets and one horizontal cabinet on each side of the body as follows:

- (A) One full height vertical cabinet with not less than two removable shelves on each side of body front.
- (B) One horizontal cabinet with a minimum of five adjustable partitions to form small bins on the curbside of the body. If a single shelf is used, it shall be full width.
- (C) One horizontal cabinet with not less than one full length tray on the street side of the body.
- (D) A full height vertical cabinet to the rear of the wheel housing on each side of the body with a minimum of one adjustable shelf.

Cabinet doors shall provide access to all portions of each cabinet, and door closures shall be weatherproof incorporating an automotive tubular type neoprene sealing system. Doors shall have full length continuous rod or hem type heavy-duty hinges, with stainless steel hinge pins or stainless steel, bronze, or nylon insert sockets. Latches shall have recessed handles. All doors shall be provided with cylinder type locks, operable from the same key but having various combinations of cylinder locks, as available, between vehicles on multi-unit contracts. Moving parts of latches and locks shall be constructed of, or plated with corrosion-resistant material. All vertical doors shall be furnished with double spring loaded stays to facilitate both hold open and closing, and doors shall not interfere with each other when open. Horizontal doors shall have two (2) removable pivoting supports to hold open in the 90 degree position and be reinforced so as to permit their use as a shelf. Latches, hinges, and striker plates shall be non-welded, easily replaced and striker plates shall be readily adjustable. Fiberglass bodies shall be reinforced in the latch and hinge hardware areas.

**TABLE B**  
**Tables 18, 19 & 20**  
**Utility Service Body with Superstructure**

MINIMUM DIMENSIONS (cm (in))	
Rear-of-cab to rear-axle dimension	std
Overall length of body	as specified
Overall width of body	as specified (see 3.6.15)
Load space:	
Width (exclusive of wheel wells)	123 (48.4) opt. 137 (54) code XW
Height	137(54) single 152 (60) dual
Extra height	180 (70) Opt USS2
Cabinet Space:	
Height at Front	99 (39)
Height at rear	89 (35)
Width	36 (14) single 46 (18) dual
Volume, side, m <sup>3</sup> (in <sup>3</sup> )	.65 (40,000)
Racks over cabinets:	
Height	56 (22)
Width	19 (7.5)
Door opening at rear:	
Height	132 (52) single 140 (55) dual
Width	122 (48)

**TABLE 18: Utility Service, Regular Cab, 4X2 and 4X4**

The vehicle shall meet the requirements shown above for utility service trucks. The vehicle shall be provided with a 2 door regular cab.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, cab - 2 door, std	Cooling system - HDA
Wheelbase - as reqd. for proper load distribution	Seating capacity, min. - 3 pass.
Engine type - gas	Bumper, rear type - HD Step
Transmission/automatic	Radio - AM/FM
Differential, ratio - OEM std.	Air conditioning
Brakes, type - power/ABS	Intermittent wipers
Steering - power	Rubber floor covering
Vinyl upholstery	RH2 Trailer hitch provisions
Supplemental restraint system (SRS)	(1.9 cm [.75 in.] hole)

	4 X 2					4 X 4				
ITEM NO.	82	83	84	84B	84D	87	88	89A	89B**	89D**
PAYLOAD MIN., KG (LB)	1360 (3,000)	1496 ( 3,500)	1905 (4,200)	3583 (7,900)	4603 (10,150)	1179 (2,600)	1405 (3,100)	2131 (4,700)	3401 (7,500)	4300 (9,500)
GVWR Min., KG (LB)	3900 (8,600)	4172 (9,200)	5000 (11,000)	6800 (15,000)	7950 (17,500)	3990 (8,800)	4172 (9,200)	5000 (11,200)	6800 (15,000)	7950 (17,500)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8-10	6.8 L/8-10	5.4L/8	5.4 L/8	5.4L/8	6.8L/8-10	6.8L/8-10
Transfer case	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
Suspension/shocks	HDA	HDA	HDA	aux. rears	aux. rears	HDA	HDA	HDA	HDA	HDA
Hubs, frt wheels locking	N/A	N/A	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in. single	16 in. single	16 in./dual rear	16/19.5 in./dual rear	19.5 in dual rear	16 in., single	16 in. single	16 in. dual rear	19.5 in. dual rear	19.5 in. dual rear
Tires, type/tread, min.	LT235/R/AS	LT245/R/AS	LT215/R/AS	LT235/85R AS-	LT225/70R/AS	LT235R/AT	LT235R/AT	LT215R/AT	LT225/AT	LT225/AT
Alternator/battery	105A./600CCA	105A./600CCA	105A./600CCA	105A./600CCA	105A./650CCA	105A./600CCA	105A./600CCA	105A./600CCA	105A./650CCA	105A./650CCA
Fuel capacity, min., L (GAL)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)	113 (30)
Body, utility, style	low-open	low-open	low-open	high-open	high-open	low-open	low-open	low-open	high-open	high-open
Size M (FT)	2.4 (8)	2.4 (8)	2.7 (9)	2.7 (9)	3.3 (11)	2.4 (8)	2.4 (8)	2.7 (9)	2.7 (9)	3.4 (11)
Cabinet vol. per side, M3 (IN3)	.47 (29,000)	.47 (29,000)	.62 (38,000)	.62 (38,000)	122 (74,000)	.47 (29,000)	.47 (29,000)	.62 (38,000 )	.62 (38,000)	12.2 (74,000)
Mirrors	low mount	low mount	RM	RM	RM	low mount	low mount	RM	RM	RM
Body mounting	std.	std.	std.	std.	std.	ORM	ORM	ORM	ORM	ORM

\*\* Indicates sole source item.

REPRESENTATIVE VEHICLES

4 X 2					
ITEM:	82	83	84	84B	84D
CHRYSLER (C)	2500	-	3500	-	-
FORD (F)	F250	F350 (NA w/T6 and STD ENG in CA)	F350 (NA w/STD ENG and T6 in CA)	F450	F550
GMC (G)	C2500	C2500HD	C3500	C3500HD/560	C5C042
Body Length	Model Codes				
2.4 m (8 ft.)					
Chrysler	BR2L62	-	-	-	-
Ford	F20	F30w/66D	-	-	-
GMC	C25903	C25903HD	-	-	-
2.7 m (9 ft.)					
Chrysler	-	-	BR3L63	-	-
Ford	-	-	F36	F46	F56
GMC	-	-	C36003	C31003	-
3.4 m (11 ft.)					
(CA8) Chrysler	-	-	BR3L64	-	-
Ford	-	-	F36	F46	F56
GMC	-	-	C36403	C31403/C4C042	C5C042
4 m (13 ft.) (CA1)					
GMC	-	-	-	C31803/C4C042	C5C042

4 X 4					
ITEM:	87	88	89A	89B**	89D**
CHRYSLER(C)	2500	-	3500	-	-
FORD(F)	F250	F350 (N/A w/T6 & STD ENG ENG in CA)	F350 (N/A w/T6 and STD ENG in CA)	F450	F550
GM (G)		K2500HD	K3500	-	-
Body length	Model Codes				
2.4 m (8 ft.)					
Chrysler	BR7L62	-	-	-	-
Ford	F26	F31/w/66D	-	-	-
GMC		K25903HD	-	-	-
2.7 m (9 ft.)					
Chrysler	-	-	BR8L63	-	-
Ford	-	F35	F38	F47	F57
GMC	-	-	K36003	-	-
3.4 m (11 ft.) (CA8)					
Chrysler	-	-	BR8L64	-	-
Ford	-	-	-	F47	F57
GMC	-	-	K36403	-	-

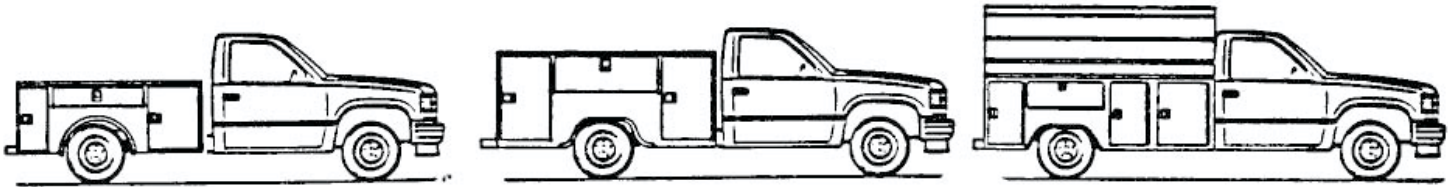


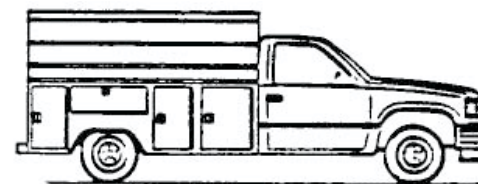
TABLE 18: Utility Service, Regular Cab, 4X2 and 4X4

**TABLE 18: Utility Service, Regular Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available    O\*\*= Sole source    S = Standard on specified item

OPTION CODES		4 X 2					4 X 4				
		82	83	84	84B	84D	87	88	89A	89B**	89D**
AL	Aluminum maintenance body	0	0	0	0	0	0	0	0	0	0
AT	All-terrain/on-off road tires	0	0	0	0	0	S	S	S	S	S
B12	Service body (12 ft.) REQ CA8	-	-	-	0	0	-	-	-	0	0
BBM	Front bulkhead, cab guard	0	0	0	0	0	0	0	0	0	0
BHP	High profile body	0	0	0	S	S	0	0	0	S	S
BUA	Backup alarm	0	0	0	0	0	0	0	0	0	0
CA8	3.4m (11 ft) body with 212 cm (84")CA	-	-	0	0	S	-	-	0	0	S
CM	Carpeted floor covering	0	0	0	0	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0	0	0	0	0
D3	Special traction, rear	0	0	0	0	0	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0	0	0	0	0	0
DA	Delete air conditioning	0	0	0	0	0	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	S	S	0	0	0	S	S
EH	Block heater, OEM (std. with YD)	0	0	0	0	0	0	0	0	0	0
FG	Fiberglass maintenance body	0	0	0	0	0	0	0	0	0	0
FTH	Front tow hooks (S GM4x4)(N/A C)	-	-	-	-	-	0	0	0	0	0
HTG	Hydraulic lift gate	0	0	0	0	0	0	0	0	0	0
HTP	Power close lift gate	0	0	0	0	0	0	0	0	0	0
LF	Leaded fuel (export) (REG STD ENG and T-6)	O**(F)	O**(F)	O**(F)	-	-	O**(F)	O**(F)	O**(F)	-	-
MBG	Brush guard, front	0	0	0	0	0	0	0	0	0	0
MHP	Pipe and conduit holder (requires UOR or URO)	0	0	0	0	0	0	0	0	0	0
MIL	Military data plate	0	0	0	0	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0	0	0	0	0
MPS	Snow plow, reversible	-	-	-	-	-	0	0	0	0	0
MRS	Strobe type warning light	0	0	0	0	0	0	0	0	0	0
ORM	Off-road body mounting	0	0	0	0	0	S	S	S	S	S
PCI	Paint compartment interior same as body exterior	0	0	0	0	0	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0	0
PT	PTO opening	-	0	0	0	0	0	0	0	0	0
RACS	AM/FM/radio w/integral cassette player	0	0	0	0	0	0	0	0	0	0
RAD	AM/FM/radio w./integral CD player	0	0	0	0	0	0	0	0	0	0
RH3***	Class 3 draw bar receiver, (OEM)	0	0	0	0	0	0	0	0	0	0

\*\*Sole source item



OPTIONAL EQUIPMENT CODES (continued)

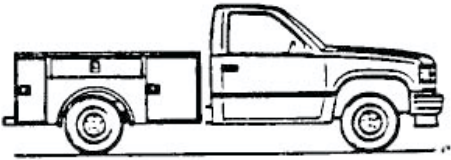
O = Option available    O\*\*=Sole source    S = Standard on specified item

OPTION CODES	4 X 2					4 X 4				
	82	83	84	84B	84D	87	88	89A	89B**	89D**
RH4***Class 4 draw bar receiver, (OEM)	0	0	0	0	0	0	0	0	0	0
RM    Camper mirrors	0	0	S	S	S	0	0	0	S	S
SK    Metric odometer	0	0	0	0	0	0	0	0	0	0
SP    Skid plates	-	-	-	-	-	0	0	0	0	0
SRG   Sliding rear window	0	0	0	0	0	0	0	0	0	0
SZ    Snowplow prep. package, OEM	-	-	-	-	-	0	0	0	0	0
T5    Manual transmission	0(N/A F)	0**(G)	0(N/A F)	-	-	0**(C)	0**(G)	0(N/A F)	-	-
T6    6 speed manual transmission (G REQ E5 or YD) (C w/ YD only)	0(N/A G)	0	0	0	0	0	0	0	0	0
UFT   Top opening compartments (N/A w/FG, AL, USS, UTR, UPR)	0	0	0	0	0	0	0	0	0	0
ULCL   Long horizontal compartment - left	0	0	0	0	0	0	0	0	0	0
ULCR   Long horizontal compartment - right	0	0	0	0	0	0	0	0	0	0
UOR   Overhead racks w/ Ladder clamps (N/A0 w/USS)	0	0	0	0	0	0	0	0	0	0
UPR   Pipe rack on top right side	0	0	0	0	0	0	0	0	0	0
URH   Rope hooks	0	0	0	0	0	0	0	0	0	0
URO   Overhead racks, w/o clamps and ladder	0	0	0	0	0	0	0	0	0	0
USM   Side mounted ladder rack (w/USS, USS2 only)	0	0	0	0	0	0	0	0	0	0
USS   Superstructure, closed body (requires BHP)	-	0	0	0	0	0	0	0	0	0
USS2   Superstructure, extra height (requires BHP)	-	0	0	0	0	-	0	0	0	0
UTC   Tire carrier, vertical in load space cover (N/A w/UTR)	0	0	0	0	0	0	0	0	0	0
UTR   Telescoping load space cover	0	0	0	0	0	0	0	0	0	0
UVB   Vise bracket and pipe rest	0	0	0	0	0	0	0	0	0	0
XW    Extra wide load space, min 140 cm (54 in.), includes WA, RM	-	-	0	-	-	-	-	0	-	-
YD    Diesel engine, turbocharged (EH std.)	0	0	0	0	0	0	0	0	0	0



NOTE: N/A with Code USS  
NOTE: N/A with Code USS or USS2  
NOTE: N/A with Codes USS and UPR

NOTE: N/A with Codes USS or USS2



NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

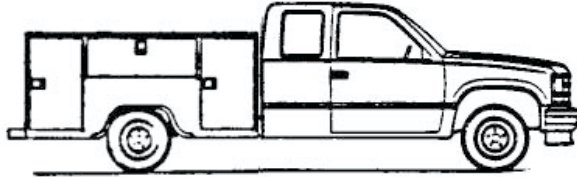
\*\*Sole source item.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 18: Utility Service, Regular Cab, 4X2 and 4X4

**TABLE 19: Utility Service, Extended Cab, 4X2 and 4X4**

The vehicle shall meet the requirements shown above for utility service trucks. The vehicle shall be provided with a 4 door extended cab.



The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 4 Door, Std	Cooling System - HDA
Wheelbase - As required for proper load distribution	Fuel Capacity, Min., L (Gal) - 113 (30)
Engine Type - Gas	Seating Capacity, Min - 3 Pass.
Transmission - Auto	Bumper, Rear Type - HD Step
Differential, ratio - OEM std.	Radio - AM/FM
Suspension/Shocks - HDA	Air Conditioning
Brakes, Type - Power - All wheel ABS	Intermittent Wipers
Steering - Power	Supplemental Restraint System
Alternator/Battery - 105A./600CCA	Vinyl Upholstery
Rubber Floor Covering	

	4 X 2			4 X 4		
ITEM NO.	82C**	83C	84C	87C**	88C	89C
PAYLOAD MIN., KG (LB)	1405 (3,100)	1179 (2,600)	2267 (5,000)	1179 (2,600)	2312 (5,100)	1814 (4,000)
GVWR Min., KG (LB)	3990 (8,800)	4173 (9,200)	5079 (11,200)	3990 (8,800)	4172 (9,200)	5079 (11,200)
Cab to axle (CA) cm (in.)	142 (56)	142 (56)	152 (60)	142 (56)	142 (56)	152 (60)
Engine, min. CD/cyl.	5.4L/8	5.4L/8	5.4L/8	5.4 L/8	5.4 L/8	5.4L/8
Transfer case	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.
Hubs, frt wheels locking	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rear	16 in./single	16 in./single	16 in./dual rear
Tires, type/tread, min.	LT235/R/AS	LT235/R/AS	LT215/R/AS	LT235/R/AT	LT235/R/AT	MS/LT215R
Body, utility, style & size, M (FT)	low-open/2.4 (8)	low-open/2.4 (8)	low-open/2.7 (9)	low-open/2.4 (8)-ORM	low-open/2.7 (8)-ORM	low-open/2.7 (9)-ORM
Cabinet vol. per side, M3 (IN3)	.47 (29,000)	.47 (29,000)	.62 (38,000)	.47 (29,000)	.47 (29,000)	.62 (38,000 )
Mirrors	low mount	RM	RM	RM	RM	RM

Extended Warranty Coverage may be available on these vehicles. Refer to New Vehicle Guide Warranty Section.

NOTES: \*\*Indicates sole source item.

It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.



REPRESENTATIVE VEHICLES

	4 X 2		
ITEM:	82C**	83C	84C
FORD (F)	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A W/STD ENG in CA)	F350 <sup>1</sup> (NA w/STD ENG & T6 in CA)
GMC (G)	-	C2500HD	C3500
Body length			
2.4 m (8 ft.)			
Ford	X20 w/66D	X30 w/66D	-
GMC	-	C25953HD	-
2.7 m (9 ft.)			
Ford	-	X34	F36
GM	-	-	C36453

	4 X 4		
ITEM:	87C**	88C	89C
FORD(F)	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/STD ENG in CA)	F350 <sup>1</sup> (T6 N/A w/STD ENG in CA)
GM (G)	-	K2500HD	K3500 <sup>1</sup>
Body length	Model codes		
2.4 m (8 ft)			
Ford	X21 w/66D	X35 w/66D	-
GMC	-	K25953HD w/ZW9	-
2.7 m (9 ft.)			
Ford	-	X31	X37
GMC	-	-	K36453

1. Available with leaded fuel.

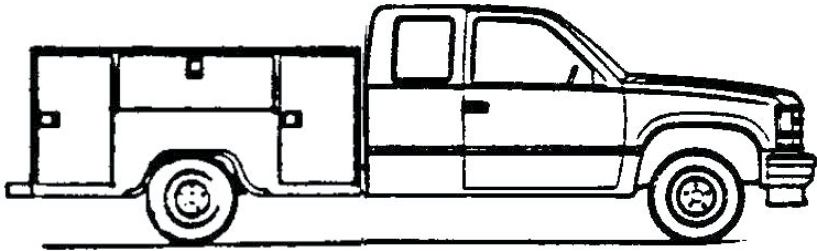


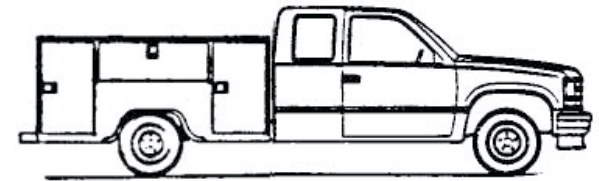
TABLE 19: Utility Service, Extended Cab, 4X2 and 4X4

**TABLE 19: Utility Service, Extended Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available    O\*\*= Sole source    S = Standard on specified item

OPTION CODES		4 X 2			4 X 4		
		82C**	83C	84C	87C**	88C	89C
AL	Aluminum maintainance body	0	0	0	0	0	0
AT	All-terrain/on-off road tires min. rear	0	0	0	S	0	S
BBM	Front bulkhead, cab guard	0	0	0	0	0	0
BHP	High profile body	0	0	0	0	0	0
BUA	Backup alarm	0	0	0	0	0	0
CA8	3.4m (11 ft) body with 212 cm (84")CA	-	-	0**(G)	-	-	0**(G)
CM	Carpet floor covering	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0
D3	Special traction, rear *	0	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0	0
DA	Delete air conditioning (min. 80 amp alternator)	0	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	0	0	0
EH	Block heater, OEM (std. with YD)	0	0	0	0	0	0
FG	Fiberglass maintenance body	0	0	0	0	0	0
FTH	Front tow hooks	-	-	-	0	0	-
HTG	Hydraulic lift gate	0	0	0	0	0	0
HTP	Power close lift gate (use only w/HTG)	0	0	0	0	0	0
LF	Leaded fuel (export) (REQ STD ENG and T6)	0**(F)	0**(F)	0**(F)	0**(F)	0**(F)	0**(F)
MBG	Brush guard, front	0	0	0	0	0	0
MHP	Pipe and conduit holder (w/UOR or URO)	0	0	0	0	0	0
MIL	Military data plate	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0
MRS	Strobe type warning light	0	0	0	0	0	0
MPS	Snow plow, reversible	-	-	-	0	0	0
ORM	Off-road body mounting	0	0	0	S	S	S
PCI	Paint compartment interior same as body exterior	0	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0	0
PT	PTO opening	0	0	0	0	0	0

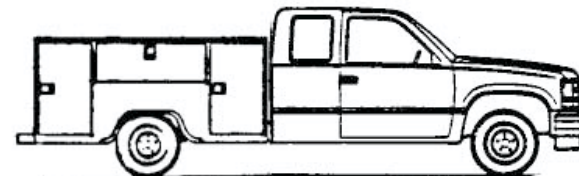
\*\*Sole Source Item



**OPTIONAL EQUIPMENT CODES** (continued)

O = Option available   O\*\*= Sole source   S = Standard on specified item

		4 X 2			4 X 4		
OPTION CODES		82C**	83C	84C	87C**	88C	89C
RACS	AM/FM radio w/integral cassette player	0	0	0	0	0	0
RAD	AM/FM radio w/ integral CD player	0	0	0	0	0	0
RH3***	Class 3 draw bar receiver, (OEM)	0	0	0	0	0	0
RH4***	Class 4 draw bar receiver, (OEM)	0	0	0	0	0	0
SK	Metric odometer	0	0	0	0	0	0
SP	Skid plates	-	-	-	0	0	0
SRG	Sliding rear window	0	0	0	0	0	0
SZ	Snowplow prep. package, OEM	-	-	-	0	0	0
T5	5 speed transmission	-	0**(G)	0**(G)	-	0**(G)	0**(G)
T6	6 speed manual transmission (G REQ E5 or YD)	0	0	0	0	0	0
UFT	Top opening compartments (N/A w/FG, AL, USS, UTR, UPR)	0	0	0	0	0	0
ULCL	Long horizontal compartment - left	0	0	0	0	0	0
ULCR	Long horizontal compartment - right	0	0	0	0	0	0
UOR	Overhead racks w/Ladder clamps (N/A w/USS)	0	0	0	0	0	0
UPR	Pipe rack on top right side	0	0	0	0	0	0
URH	Rope hooks	0	0	0	0	0	0
URO	Overhead racks, w/o clamps and ladder	0	0	0	0	0	0
USS	Superstructure, closed body (requires BHP)	-	0	0	0	0	0
USS2	Superstructure, extra height (requires BHP)	-	0	0	-	0	0
USM	Side mounted ladder rack (w/USS, USS2 only)	0	0	0	0	0	0
UTC	Tire carrier, vertical in load space cover (N/A w/UTR)	0	0	0	0	0	0
UTR	Telescoping load space cover	0	0	0	0	0	0
UVB	Vise bracket and pipe rest	0	0	0	0	0	0
XW	Extra wide load space, min 140 cm (54 in.), includes WA	-	-	0	-	-	0
YD	Diesel engine, turbocharged (EH std.)	0	0	0	0	0	0



NOTE: N/A with Codes USS and UPR

Requires Code BHP

Requires Code BHP

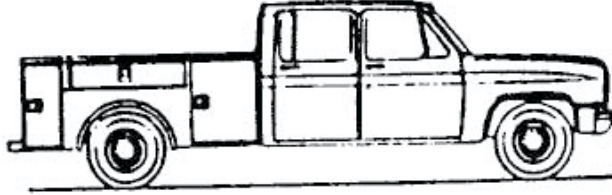
NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

**TABLE 19: Utility Service, Extended Cab, 4X2 and 4X4**

**TABLE 20: Utility Service, Crew Cab, 4X2 and 4X4**

The vehicle shall meet the requirements shown above for utility service trucks. The vehicle shall be provided with 4 door crew cab.



The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 4 Door	Alternator/Battery - 105a./600 Cca
Wheelbase - As Required for Proper Load Distribution	Cooling System - HDA
Engine Type - Gas	Seating Capacity, Min. - 6 Pass.
Transmission - Auto	Radio - AM/FM
Differential, ratio - OEM std.	Air Conditioning
Brakes, Type - Power Abs on all Wheels	Intermittent Wipers
Steering - Power	Bumper, rear type - h.d. step w/RH2 (1.9cm,[.75in]hole)
Vinyl Upholstery	Rubber Floor Covering

	4 X 2					4 X 4				
ITEM NO.	141**	142**	144**	144A**	144B**	146**	147**	149**	149A**	149B**
PAYLOAD MIN., KG (LB)	1134 (2,500)	1269 (2,800)	1905 (4,200)	2857 (6,300)	4309 (9,500)	907 (2,000)	1134 (2,500)	1814 (4,000)	3175 (7,000)	4082 (9,000)
GVWR min., KG (LB)	3990 (8,800)	4172 (9,200)	5079 (11,200)	6800 (15,000)	7936 (17,500)	3990 (8,800)	4172 (9,200)	5079 (11,200)	6800 (15,000)	7936 (17,500)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8L/8-10	6.8L/8-10	5.4 L/8	5.4L/8	5.4L/8	6.8L/8-10	6.8L/8-10
Transfer case	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.	2 spd.
Suspension/shocks	HDA	HDA	HDA w/aux. rears	HDA w/aux. rears	HDA w/aux. rears	HDA	HDA	HDA	HDA	HDA
Hubs, frt. wheels locking	N/A	N/A	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rears	19.5 in./dual rears	19.5 in./dual rears	16 in./single	16 in./single	16 in./dual rears	19.5 in./dual	19.5 in./dual
Tires, type/tread, min.	LT235/R/AS	LT235/R/AS	LT215/R/AS	LT225/R/AS	LT225/R/AS	LT235R/AT	LT235R/AT	LT215R/OO	LT225R/OO	LT225R/OO
Fuel capacity, min., L (GAL)	128 (34)	128 (34)	128 (34)	128 (34)	128 (34)	128 (34)	128 (34)	128 (34)	128 (34)	128 (34)
Body, utility size & style, M (FT)	2.4 (8) low-open	2.4 (8) low-open	2.4 (8) low-open	2.7 (9) high-open	2.7 (9) high-open	2.4 (8) w/ORM	2.4 (8) w/ORM	2.4 (8) w/ORM	2.7 (9) high open w/ORM	2.7 (9) high open w/ORM
Cabinet vol. per side, M3 (IN3)	.47 (29,000)	.47 (29,000)	.47 (29,000)	.62 (38,000)	.62 (38,000)	.47 (29,000)	.47 (29,000)	.47 (29,000)	.62 (38,000)	.62 (38,000)
Mirrors	low mount	low mount	RM	RM	RM	low mount	low mount	RM	RM	RM

Extended Warranty Coverage may be available on these vehicles.  
Refer to New Vehicle Guide warranty section.

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item.

REPRESENTATIVE VEHICLES

4 X 2					
ITEMS:	141**	142**	144**	144A**	144B**
Ford (F)	F250	F350 (N/A w/STD ENG & T6 in CA)	F350 (N/A w/STD ENG & T6 IN CA)	F450 -	F550 -
Model Codes					
Ford	W20 w/66D	W30 w/66D	W32 w/66D	W46	W56

4 X 4					
ITEMS:	146**	147**	149**	149A**	149B**
Ford (F)	F250	F350 (N/A w/STD ENG & T6 in CA)	F350 (N/A w/STD ENG & T6 in CA)	F450	F550
Model Codes					
Ford	W21 w/66D	W31 w/66D	W33 w/66D	W47	W57

NOTES: \*\*Indicates sole source item.

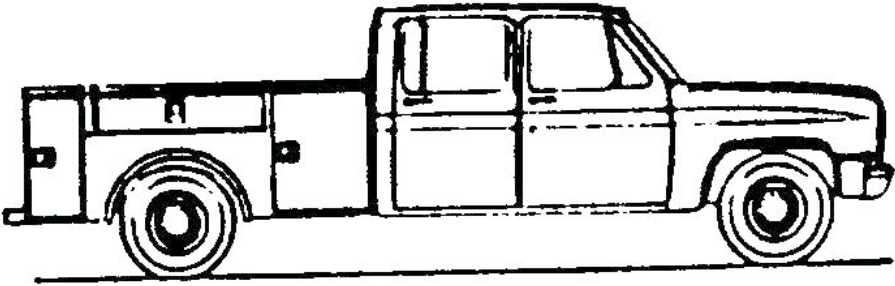


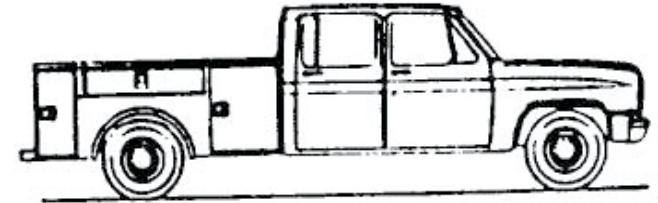
TABLE 20: Utility Service, Crew Cab, 4X2 and 4X4

**TABLE 20: Utility Service, Crew Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available S = Standard on specified item

OPTION CODES	4 X 2					4 X 4				
	141**	142**	144**	144A**	144B**	146**	147**	149**	149A**	149B**
AH Aux. rear compartment heater	0	0	0	0	0	0	0	0	0	0
AL Aluminum maintainance body	0	0	0	0	0	0	0	0	0	0
AT All-terrain/on-off road tires min. rear	0	0	0	0	0	S	S	S	S	S
B12 Service body (12 ft.) REQ CA 8	-	-	-	0	0	-	-	-	0	0
BBM Front bulkhead, cab guard	0	0	0	0	0	0	0	0	0	0
BHP High profile body	0	0	0	S	S	0	0	0	S	S
BUA Backup alarm	0	0	0	0	0	0	0	0	0	0
CA8 Cab to axle, 212 CM (84 IN)	-	-	-	0	0	-	-	-	0	0
CM Carpeted floor covering	0	0	0	0	0	0	0	0	0	0
CNS Consignee delivery	0	0	0	0	0	0	0	0	0	0
CRTS Cruise control/tilt steering	0	0	0	0	0	0	0	0	0	0
CU Cloth upholstery	0	0	0	0	0	0	0	0	0	0
D3 Special traction rear *	0	0	0	0	0	0	0	0	0	0
D7 Towing/mountain ratio	0	0	0	0	0	0	0	0	0	0
DA Delete air conditioning (min. 130 amp alternator)	0	0	0	0	0	0	0	0	0	0
E5 Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	S	S	0	0	0	S	S
EH Block heater, OEM (STD. w/YD)	0	0	0	0	0	0	0	0	0	0
FG Fiberglass maintenance body	0	0	0	0	0	0	0	0	0	0
FTH Front tow hooks	-	-	-	-	-	0	0	0	0	0
HTG Hydraulic lift gate	-	0	0	0	0	-	0	0	0	0
HTP Power close lift gate (use only w/HTG)	-	0	0	0	0	-	0	0	0	0
LF Leaded fuel (export) (STD. ENG & T6 only)	0	0	0	-	-	0	0	0	-	-
MBG Brush guard, front	0	0	0	0	0	0	0	0	0	0
MHP Pipe and conduit holder (w/UOR or URO)	0	0	0	0	0	0	0	0	0	0
MIL Military data plate	0	0	0	0	0	0	0	0	0	0
MIL1 Navy license plate	0	0	0	0	0	0	0	0	0	0
MIL2 Army license plate	0	0	0	0	0	0	0	0	0	0
MPS Snow plow, reversible	-	-	-	-	-	0	0	0	0	0
MRS Strobe type warning light	0	0	0	0	0	0	0	0	0	0
ORM Off-road body mounting	0	0	0	0	0	S	S	S	S	S
PCI Paint compartment interior same as exterior of body	0	0	0	0	0	0	0	0	0	0
PSM Parts and service manuals	0	0	0	0	0	0	0	0	0	0

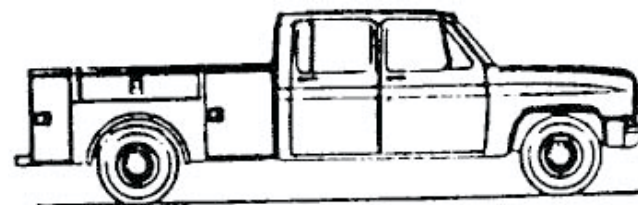
\*\*Sole source item.



## OPTIONAL EQUIPMENT CODES (continued)

O = Option available S = Standard on specified item

		4 X 2					4 X 4				
OPTION CODES		141**	142**	144**	144A**	144B**	146**	147**	149**	149A**	149B**
PT	PTO opening	0	0	0	0	0	0	0	0	0	0
RACS	AM/FM radio w/integral cassette player	0	0	0	0	0	0	0	0	0	0
RAD	AM/FM radio w/integral CD player	0	0	0	0	0	0	0	0	0	0
RH3***	Class 3 draw bar receiver	0	0	0	0	0	0	0	0	0	0
RH4***	Class 4 draw bar receiver	0	0	0	0	0	0	0	0	0	0
RM	Camper mirrors	0	0	S	S	S	0	0	S	S	S
SK	Metric odometer	0	0	0	0	0	0	0	0	0	0
SP	Skid plates	-	-	-	-	-	0	0	0	0	0
SRG	Sliding rear window	0	0	0	0	0	0	0	0	0	0
SZ	Snow plow prep package (OEM)	-	-	-	-	-	0	0	0	0	0
T6	6 speed manual transmission	0	0	0	0	0	0	0	0	0	0
UFT	Top opening compartments (N/A w/BHP, FG, AL, VSS, UTR, VPR)	0	0	0	-	-	0	0	0	-	-
ULCL	Long horizontal compartment - left	0	0	0	0	0	0	0	0	0	0
ULCR	Long horizontal compartment - right	0	0	0	0	0	0	0	0	0	0
UOR	Overhead racks w/Ladder clamps (N/A w/USS)	0	0	0	0	0	0	0	0	0	0
UPR	Pipe rack on top right side	0	0	0	0	0	0	0	0	0	0
URH	Rope hooks	0	0	0	0	0	0	0	0	0	0
URO	Overhead racks, w/o clamps and ladder	0	0	0	0	0	0	0	0	0	0
USM	Side mounted ladder rack (w/USS, USS2 only)	0	0	0	0	0	0	0	0	0	0
USS	Superstructure, closed body	-	-	-	0	0	-	-	0	0	0
USS2	Superstructure, extra height	-	-	-	0	0	-	-	0	0	0
UTC	Tire carrier, vertical in load space cover (N/A w/UTR)	0	0	0	0	0	0	0	0	0	0
UTR	Telescoping load space cover	0	0	0	0	0	0	0	0	0	0
UVB	Vise bracket and pipe rest	0	0	0	0	0	0	0	0	0	0
YD	Diesel engine, turbocharged EH STD.	0	0	0	0	0	0	0	0	0	0



NOTE: N/A with Codes USS and UPR

Requires Code BHP

Requires Code BHP

NOTE: N/A with Codes USS and UPR

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Sole source item.

\*\*\*Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

TABLE 20: Utility Service, Crew Cab, 4X2 and 4X4

**TABLE 21: Stake Bed Truck, Regular Cab, 4X2 and 4X4**

The regular cab stake truck and body size shall be as specified. The stake body shall consist of a steel frame platform, with cross sills of minimum 11 gauge carbon steel located on maximum 18 inch centers. Floor shall be of ship lapped wood, minimum 29 mm (1.125 in) thickness. Wood shall be apitong or similar type of hardwood. Pressure treated dense Southern Yellow Pine is acceptable. The body shall have removable interlocking rack sections, minimum 71 cm (28 in) high, and each equipped with a spring loaded device to lock them to the body. Rear wheels shall be furnished with mud flaps at the rear. Rear end protection shall be furnished conforming to FMCSR 393.86. The spare tire/wheel assembly shall be mounted on a carrier on a front rack section, or under the chassis. Stake racks and platform body shall be painted black. Clear coat is not required for racks and platform. Dump stake bodies shall incorporate structural steel channel long sills. Wiring harness for the body shall have overload protection and be enclosed in conduit or plastic loom, except at terminal ends, and shall be secured by hangers to the underbody on not more than 46 cm (18 in) centers.

The front rack section shall be capable of withstanding a horizontal static load equal to one-half the payload capacity of the load space without permanent distortion of the rack section or its mounting.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 2 Door	Fuel Cap., min., L (GAL) 113 (30)
Vinyl Upholstery	Seating Cap., min. - 3 Pass.
Transmission - Auto	Radio - AM/FM
Differential, ratio - OEM std.	Air Conditioning
Brakes, Type - Power/ABS all wheels	Intermittent Wipers
Steering - Power	Mud Flaps
Cooling System - HDA	Rubber Floor Covering

	4 X 2					4 X 4			
ITEM NO.	122	123	124	124B	124D	128	129	129A**	129B**
PAYLOAD MIN., KG (LB)	1224 (2,900)	1666 (3,674)	2279 (5,025)	3583 (7,900 )	4535 (10,000)	1496 (3,300)	2290 (5,050)	3492 (7,700)	4535 (10,000)
GVWR min., KG (LB)	3900 (8,600)	4172 (9,200)	4988 (11,000)	6800 (15,000)	7936 (17,500)	4172 (9,200)	4988 (11,000)	6800 (15,000)	7936 (17,500)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8	6.8 L/8-10	5.4 L/8	5.4L/8	6.8 L/8-10	6.8L/8-10
Transfer case.	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.
Suspension/shocks	HDA	HDA	HDA	HDA w/aux. rears	HDA w/aux rear	HDA	HDA	HDA	HDA
Hubs, frt. wheels locking	N/A	N/A	N/A	N/A	N/A	mfr. std.	mfr. std.	mfr. std.	mfr. std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rear	16-19.5 in./dual rear	19.5 in/dual rear	16 in./single	16 in./dual rear	19.5 in./dual rear	19.5 in./dual rear
Tires, type/tread, min.	LT235/R/as	LT235/R/AS	LT215/R/AS	LT235-85R AS/ 225-70R	LT225/70R/AS	LT235/R/AT	LT215/R /AT	LT225/AT	LT225/AT
Alternator/battery	105 amp/600 CCA	105 amp/600 CCA	105 amp/600 CCA	105 amp/600 CCA	105 amp/650 CCA	105A/600CCA	105A/600 CCA	105A/650 CCA	105A/650 CCA
Body, stake size nominal, M (FT)	2.4 (8)	2.4 (8)	2.7 (9)	3.7 (12)	3.7 (12)	2.4 (8)	2.7 (9)	3.7 (12)	3.7 (12)
Cab to axle, min./max., CM (IN)	142 (56)	142 (56)	152 (60)	213 (84)	213 (84)	142 (56)	152 (60)	213 (84)	213 (84)
Mirrors	RM	RM	RM	RM	RM	RM	RM	RM	RM

Extended Warranty Coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application

\*\*Indicates sole source item.



REPRESENTATIVE VEHICLES

	4 X 2				
ITEMS:	122	123	124	124B	124D
Chrysler (C)	2500	-	3500	-	-
Ford (F)	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/ STD ENG in CA)	F350 <sup>1</sup> (T6 w/STD ENG N/A in CA)	F450	F550
GM (G)	C2500	C2500HD	C3500	C3500HD or 560	560
Body Length:					
2.4 m (8 ft.)	(C)(F) (G)	(F)(G)	-	-	-
2.7m (9 ft.)	-	(F)	(C)(F)(G)	(F)(G)	-
3.7 m (12 ft.) (B12)	-	-	(C)(F)(G)	(F)(G)	(F)
4.3 m (14 ft.) (B14)	-	-	-	(F)(G)	(F)(G)
4.9 m (16ft) (B16)	-	-	-	(F)(G)	(F)(G)

	4 X 4			
ITEMS:	128	129	129A**	129B**
Chrysler (C)	-	3500	-	-
Ford (F)	F350 <sup>1</sup> (T6 N/A w/ STD ENG in CA)	F350 <sup>1</sup> (T6 N/A w/STD ENG in CA)	F450	F550
GM (G)	K2500HD	K3500	-	-
Body length:				
2.4 m (8ft.)	(F)(C)	(C) (F) (G)	-	-
2.7 m (9 ft.)	(F)	(C) (F) (G)	(F)	(F)
3.7 m (12 ft.) (B12)	-	(F)	(F)	(F)

Notes: \*\*Indicates sole source item.  
1. Available with leaded fuel.

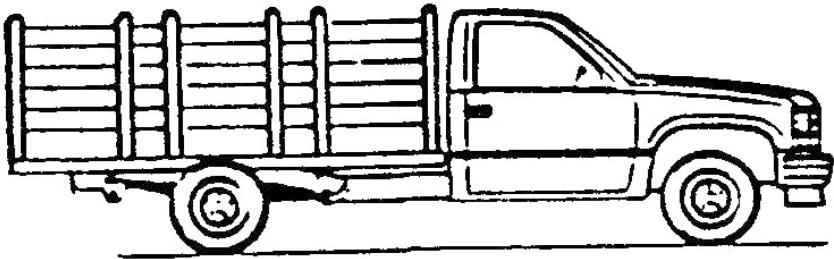


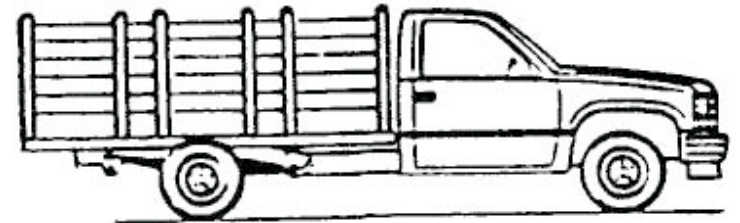
TABLE 21: Stake Bed Truck, Regular Cab, 4X2 and 4X4

**TABLE 21: Stake Bed Truck, Regular Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available    O\*\*= Sole source    S = Standard on specified item

OPTION CODES		4 X 2					4 X 4			
		122	123	124	124B	124D	128	129	129A**	129B**
AT	All-terrain/on-off road tires min. rear	0	0	0	0	0	S	S	S	S
B09	Stake body 2.7 m (9 ft) on CA of 152 cm (60in)	-	O**(F)	S	0	-	O**(F)	S	0	-
B12	Stake body 3.7 m (12 ft) (REQ MIN CA of 213 cm (84 in.))	-	-	0	S	S	-	0	0	0
B14	Stake body 4.3 m (14 ft) (REQ MIN CA of 274 cm (108 in.))	-	-	-	0	0	-	-	-	-
B16	Stake Body 4.8 m (16 ft) (REQ MIN CA of 304 cm (120 in.))	-	-	-	-	0	-	-	-	-
BBS	Bulkhead, front steel solid type w/screen opening (in place of front racks)	0	0	0	0	0	0	0	0	0
BDF	Diamond tread steel on platform floor	0	0	0	0	0	0	0	0	0
BDS	Dump hoist (fuel cap 83L, min) (N/A w/HTG, HTGU)	-	0	0	0	0	0	0	0	0
BRH	Stake racks, min. 100 cm (40 in.) high in place of 28 in.	0	0	0	0	0	0	0	0	0
BSF	Smooth steel plate on platform floor	0	0	0	0	0	0	0	0	0
BUA	Backup alarm	0	0	0	0	0	0	0	0	0
CM	Carpeted floor covering	0	0	0	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0	0	0	0
D3	Special traction differential *	0	0	0	0	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0	0	0	0	0
DA	Delete air conditioning (min. 80 amp alternator)	0	0	0	0	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	S	S	0	0	S	S
EH	Block heater, OEM (std. w/YD)	0	0	0	0	0	0	0	0	0
FTH	Front tow hooks	-	-	-	-	-	0	0	0	0
HTG	Hydraulic tailgate (N/A w/BDS)	0	0	0	0	0	0	0	0	0
HTGU	Hydraulic tailgate, fold under (requires B12) (N/A w/BDS)	-	0	0	0	-	0	-	-	-
HTP	Power close tailgate (use w/HTG only)	0	0	0	0	0	0	0	0	0
LF	Leaded fuel (export) (STD ENG and T6 only)	O**(F)	O**(F)	O**(F)	-	-	O**(F)	O**(F)	-	-
MBG	Brush guard	0	0	0	0	0	0	0	0	0
MEW	Electric winch	0	0	0	0	0	0	0	0	0
MIL	Military data plate	0	0	0	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0	0	0	0

\*\*Indicates sole source item.



OPTIONAL EQUIPMENT CODES (continued)

O = Option available    O\*\*= Sole source    S = Standard on specified item

		4 X 2					4 X 4			
OPTION CODES		122	123	124	124B	124D	128	129	129A**	129B**
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0
RH3***	Class 3 Trailer towing package	0	0	0	0	0	0	0	0	0
RH4***	Class 4 Trailer towing package	0	0	0	0	0	0	0	0	0
RACS	AM/FM radio w/integral cassette player	0	0	0	0	0	0	0	0	0
RAD	AM/FM radio w/integral CD player	0	0	0	0	0	0	0	0	0
SP	Skid plates	-	-	-	-	-	0	0	0	0
SRG	Sliding rear window	0	0	0	0	0	0	0	0	0
SK	Metric odometer	0	0	0	0	0	0	0	0	0
SZ	Snowplow prep. package, OEM	-	-	-	-	-	0	0	0	0
T5	5 speed manual transmission	0(N/A F)	0**(G)	0(N/A F)	-	-	0**(G)	0(N/A F)	-	-
T6	6 speed manual transmission (G REQ E5 or YD)	0	0	0	0	0	0	0	0	0
TD	Delete spare	0	0	0	0	0	0	0	0	0
YD	Diesel engine, turbocharged (includes EH)	0	0	0	0	0	0	0	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source

\*\*\*Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

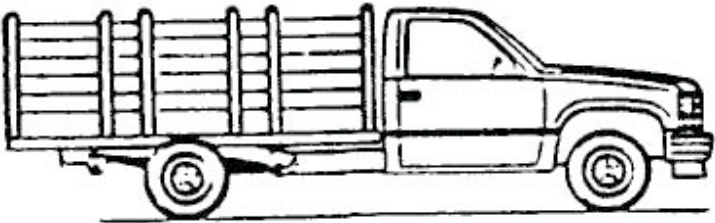


TABLE 21: Stake Bed Truck, Regular Cab, 4X2 and 4X4

**TABLE 22: Stake Bed Truck, Extended Cab, 4X2 and 4X4**

The extended cab stake truck and body size shall be as specified. All applicable requirements of the text of Table 21 shall apply.

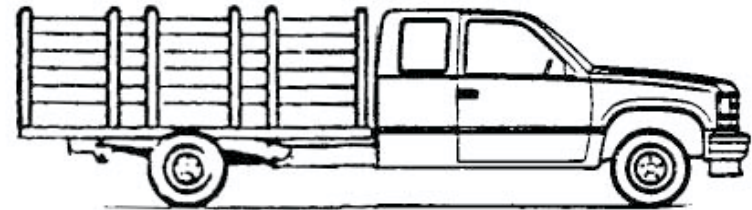
The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 4 Door	Alternator/Battery - 105 amp/600 CCA
Wheelbase - As Required	Cooling System - HDA
Engine Type - Gas	Fuel capacity, min., L (GAL) 113 (30)
Engine, min. CD/cyl. -5.4 L/8	Seating Capacity, min. - 4 pass.
Transmission - Auto/HDA	Radio - AM/FM
Differential, ratio - OEM std.	Mud Flaps
Brakes, Type - Power/ABS all wheels	Air Conditioning
Steering - Power	Intermittent wipers
Vinyl Upholstery	Rubber Floor Covering

ITEM NO.	4 X 2			4 X 4	
	122C**	123C**	124C	128C**	129C
PAYLOAD MIN., KG (LB)	1133 (2,500)	1360 (3,000)	2180 (4,800)	1224 (2,700)	1820 (4,000)
GVWR min., KG (LB)	3990 (8,800)	4173 (9,200)	(11,400)	4173 (9,200)	4978 (11,200)
Transfer case.	N/A	N/A	N/A	2 spd.	2 spd.
Hubs, frt. wheels locking	N/A	N/A	N/A	OEM std.	OEM std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rears	16 in./single	16 in./dual rear
Tires, type/tread, min.	LT235/R/AS	LT265/R/AS	LT215/R/AS	LT265/R/AT	LT215/R/AT
Body, stake size nominal, M (FT)	2.4 (8)	2.7 (9)	2.7 (9)	2.7 (9)	2.7 (9)
Cab to axle, min./max., CM (IN)	142 (56)	152 (60)	152 (60)	152 (60)	152 (60)
Mirrors	low mount	low mount	RM	low mount	RM

Extended Warranty Coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.

NOTES: \*\*Indicates sole source item.



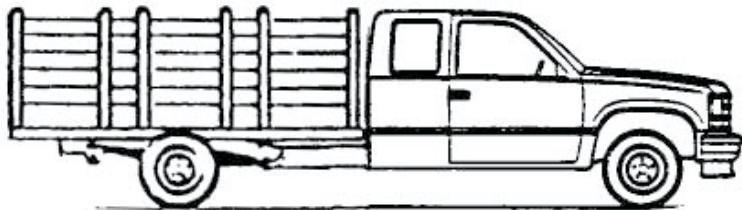
## REPRESENTATIVE VEHICLES

4 X 2			
ITEMS:	122C**	123C**	124C
Ford (F)	F250 <sup>1</sup>	F350 <sup>1</sup> (T6 N/A w/STD ENG in CA)	F350 <sup>1</sup> (N/A w/STD ENG & T6 in CAL)
GM (G)	-	-	C3500
<b>Body Length:</b>			
2.4 m (8 ft.)	(F)	-	-
2.7 m (9 ft.)	-	(F)	(F) (G)
3.65 m (12ft.)	-	-	(G)

4 X 4		
ITEMS:	128C**	129C
Ford (F)	F350 <sup>1</sup>	F350 <sup>1</sup> (N/A w/std. ENG & T6 in CA)
GM (G)	-	K3500
<b>Body length:</b>		
2.7 m (9 ft.)	(F)	(F) (G)

Notes: \*\*Indicates sole source item.

1. Available with leaded fuel.



## OPTIONAL EQUIPMENT CODES

O = Option available O\*\*=Sole source S = Standard on specified item

		4 X 2			4 X 4	
OPTION CODES		122C**	123**	124C	128C**	129C
AT	All-terrain/on-off road tires min. rear	0	0	0	0	S
B 12	12' Body length	-	-	0**(G)	-	0**(G)
BBS	Bulkhead, front steel solid type w/screen opening (in place of front racks)	0	0	0	0	0
BDF	Diamond tread steel on platform floor	0	0	0	0	0
BRH	Stake racks, min. 100 cm (40 in.) high in place of 28 in.	0	0	0	0	0
BSF	Smooth steel plate on platform floor	0	0	0	0	0
BUA	Backup alarm	0	0	0	0	0
CM	Carpeted floor covering	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0
D3	Special traction differential	0	0	0	0	0
D7	Towing/mountain ratio (Diesel only with Ford)	0	0	0	0	0
DA	Delete air conditioning	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	0	0
EH	Block heater, OEM (std. w/YD)	0	0	0	0	0
FTH	Front tow hooks	-	-	-	0	0
LF	Leaded fuel (export) (REQ STD ENG & T6)	0	0	0**(F)	0	0**(F)
MBG	Brush guard	0	0	0	0	0
MEW	Electric winch	0	0	0	0	0
MIL	Military data plate	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0
RH3***	Class 3 Draw bar receiver	0	0	0	0	0
RH4***	Class 4 Draw bar receiver	0	0	0	0	0
RACS	AM/FM radio w/integral cassette player	0	0	0	0	0
RAD	AM/FM radio w/integral CD player	0	0	0	0	0
SP	Skid plates	-	-	-	0	0
SRG	Sliding rear window	0	0	0	0	0
SK	Metric odometer	0	0	0	0	0
SZ	Snow plow prep package (OEM)	-	-	-	0	0
T5	5 speed transmission	-	-	0	-	0
T6	6 speed manual transmission (G REQ E5 or YD)	0	0	0	0	0
TD	Delete spare	0	0	0	0	0
YD	Diesel engine, turbocharged (includes EH)	0	0	0	0	0

Notes: \*\*\*Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

\*\*Sole source item.

TABLE 22: Stake Bed Truck, Extended Cab, 4X2 and 4X4

**TABLE 23: Stake Bed Truck, Crew Cab, 4X2 and 4X4**

The crew cab stake truck and body size shall be as specified. All applicable requirements of the text of Table 21 shall apply.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

•		
•		
•		
•		
•	Style, Cab - 4 Door	Cooling System - HDA
•	Wheelbase - As Required	Fuel capacity, min., L (GAL) - 113 (30)
•	Engine Type - Gas	Seating Capacity, min. - 6 pass.
•	Transmission - Auto/HDA	Radio - AM/FM
•	Differential, ratio - OEM std.	Air Conditioning
•	Brakes, Type - Power/ABS	Intermittent Wipers
•	Steering Power	Vinyl Upholstery
•	Rubber Floor Covering	Mud Flaps

	4 X 2					4 X 4			
ITEM NO.	122E**	123E	124E	124F**	124G**	128E	129D	129E**	129F**
PAYLOAD MIN., KG (LB)	1125 (2,500)	1360 (3,000)	1905 (4,200)	3265 (7,200)	4300 (9,500)	1269 (2,800)	1723 (3,800)	3175 (7,000)	4218 (9,300)
GVWR min., KG (LB)	3900 (8,600)	4173 (9,200)	5078 (11,200)	6800 (15,000)	7950 (17,500)	4173 (9,200)	5,098 (11,200)	6800 (15,000)	7950 (17,500)
Cab to axle, min./max., CM (IN)	142 (56)	142 (56)/152 (60)	142 (56)/152 (60)	152 (60)	152 (60)	142 (56)/153 (60)	142 (56)/152 (60)	152 (60)	152 (60)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8	6.8 L/8-10	5.4 L/8	5.4L/8	6.8 L/8-10	6.8L/8-10
Transfer case.	N/A	N/A	N/A	N/A	N/A	2 spd.	2 spd.	2 spd.	2 spd.
Suspension/shocks	HDA	HDA	HDA	HDA w/aux. rear	HDA w/aux rear	HDA	HDA	HDA	HDA
Hubs, frt. wheels locking	N/A	N/A	N/A	N/A	N/A	mfr std.	mfr std.	mfr std.	mfr std.
Wheels, dia.	16 in./single	16 in./single	16 in./dual rear	16-19.5 in./dual rear	19.5 in/dual rear	16 in./single	16 in./LT215R dual rear	19.5 in/LT225	19.5 in./LT225
Tires, type/tread, min.	LT235/R/AS	LT235/R/AS	LT215/R/AS	LT235-85R AS /225-70R Hwy	LT225/70R/AS	LT245/R/AT	AT	AT	AT
Alternator/battery	105 A/600 CCA	105 A/600 CCA	105 A/600 CCA	105 A/600 CCA	105 A/600 CCA	105 A/600 CCA	105 A/600 CCA	105 A/650 CCA	105 A/650 CCA
Body, stake size nominal, M (FT)	2.4 (8)	2.4 (8)/2.7 (9)	2.7 (9)	2.7 (9)	2.7 (9)	2.4 (8)/2.7 (9)	2.7 (9)	2.7 (9)	2.7 (9)
Mirrors	low mount	low mount	RM	RM	RM	low mount	RM	RM	RM

NOTES: Extended Warranty Coverage may be available on these vehicles. Refer to New Vehicle Guide warranty section.  
It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.  
\*\*Indicates sole source item.

REPRESENTATIVE VEHICLES

4 X 2					
ITEMS:	122E**	123E	124E	124F**	124G**
Ford (F)	F250	F350 (N/A, W/STD ENG & T6 in CA)	F350 (N/A w/STD ENG in CA)	F450	F550
GM (G)	-	C2500HD	C3500		
Body Length:					
2.4 m (8 ft.)	(F)	(F) (G)	(F) (G)	-	-
2.7m (9 ft.)	-	(F)	(F)	(F)	(F)
3.6 m (12 ft.)	-	-	-	(F)	(F)

4 X 4				
ITEMS:	128E	129D	129E**	129F**
Ford (F)	F350 (N/A w/STD ENG & T6 in CA)	F350 (N/A w/STD ENG in CA)	F450	F550
GM	K2500HD	K3500		
Body Length:				
2.4 m (8ft.)	(F)(G)	(F)(G)	-	-
2.7 m (9 ft.)	(F)	(F)	(F)	(F)
3.6 m (12 ft.)	-	-	(F)	(F)

Notes: \*\*1Indicates sole source item.

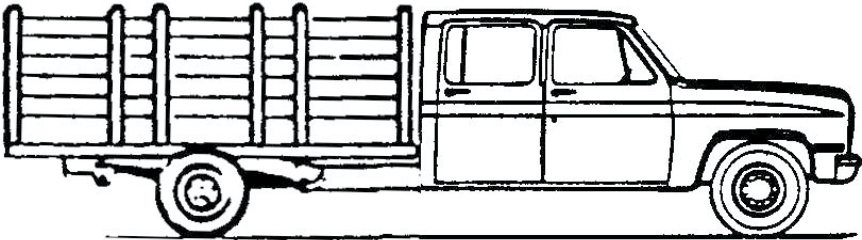


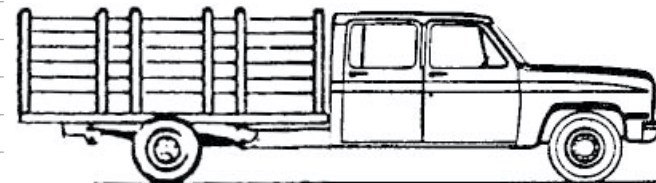
TABLE 23: Stake Bed Truck, Crew Cab, 4X2 and 4X4

**TABLE 23: Stake Bed Truck, Crew Cab, 4X2 and 4X4****OPTIONAL EQUIPMENT CODES**

O = Option available    O\*\*=Sole source    S = Standard on specified item

OPTION CODES		4 X 2					4 X 4			
		122E**	123E	124E	124F**	124G**	128E	129D	129E**	129F**
AT	All-terrain/on-off road tires min. rear	0	0	0	0	0	S	S	S	S
BBS	Bulkhead, front steel solid type w/screen opening (in place of front racks)	0	0	0	0	0	0	0	0	0
BDF	Diamond tread steel on platform floor	0	0	0	0	0	0	0	0	0
BRH	Stake racks, min. 100 cm (40 in.) high in place of 28 in.	0	0	0	0	0	0	0	0	0
BSF	Smooth steel plate on platform floor	0	0	0	0	0	0	0	0	0
BUA	Backup alarm	0	0	0	0	0	0	0	0	0
CM	Carpeted floor covering	0	0	0	0	0	0	0	0	0
CNS	Consignee delivery	0	0	0	0	0	0	0	0	0
CRTS	Cruise control/tilt steering	0	0	0	0	0	0	0	0	0
CU	Cloth upholstery	0	0	0	0	0	0	0	0	0
D3	Special traction differential *	0	0	0	0	0	0	0	0	0
D7	Towing/mountain ratio	0	0	0	0	0	0	0	0	0
DA	Delete air conditioning	0	0	0	0	0	0	0	0	0
E5	Eight/ten cylinder, extra power, min 6.8 L.	0	0	0	S	S	0	0	S	S
EH	Block heater, OEM (std. w/YD)	0	0	0	0	0	0	0	0	0
FTH	Front tow hooks	-	-	-	-	-	0	0	0	0
HTG	Hydraulic Lift Tail Gate	0	0	0	0	0	0	0	0	0
HTGU	Hydraulic Fold Under Tail Gate	0	0	0	0	0	0	0	0	0
HTP	Power Close Lift Gate	0	0	0	0	0	0	0	0	0
LF	Leaded fuel (export) (REQ STD ENG and T6 only)	0	0**(F)	0**(F)	-	-	0	0**(F)	-	-
MBG	Brush guard	0	0	0	0	0	0	0	0	0
MEW	Electric winch	0	0	0	0	0	0	0	0	0
MIL	Military data plate	0	0	0	0	0	0	0	0	0
MIL1	Navy license plate	0	0	0	0	0	0	0	0	0
MIL2	Army license plate	0	0	0	0	0	0	0	0	0
PSM	Parts and service manuals	0	0	0	0	0	0	0	0	0

\*\*Indicates sole source item.





OPTIONAL EQUIPMENT CODES (continued)

O = Option available    O\*\*=Sole source    S = Standard on specified item

OPTION CODES	4 X 2					4 X 4			
	122E**	123E	124E	124F**	124G**	128E	129D	129E**	129F**
RH3*** Class 3 Draw bar receiver	0	0	0	0	0	0	0	0	0
RH4*** Class 4 Draw bar receiver	0	0	0	0	0	0	0	0	0
SK Metric odometer	0	0	0	0	0	0	0	0	0
SP Skid plates	-	-	-	-	-	0	0	0	0
SRG Sliding rear window	0	0	0	0	0	0	0	0	0
SZ Snow plow prep package (OEM)	-	-	-	-	-	0	0	0	0
T5 5 speed transmission	-	0**(G)	0**(G)	-	-	0**(G)	0**(G)	-	-
T6 6 speed manual transmission (G REQ E5 or YD)	0	0	0	0	0	0	0	0	0
TD Delete spare	0	0	0	0	0	0	0	0	0
YD Diesel engine, turbocharged (includes EH)	0	0	0	0	0	0	0	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*\*Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

\*\*Indicates sole source item.

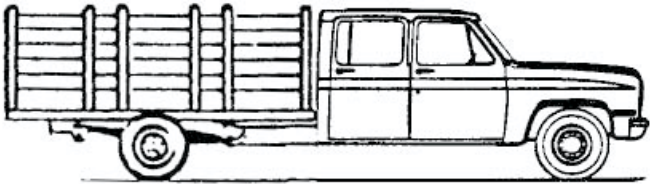


TABLE 23: Stake Bed Truck, Crew Cab, 4X2 and 4X4

**TABLE 24: Dump Truck, Regular Cab, 4X2 and 4X4**

This vehicle shall have the payload, size, and capacity specified, equipped with a transmission/transfer case mounted PTO/hydraulic pump for powering hoist operating a heavy-duty dump body. Should a PTO opening not be available for the transmission/transfer case, an electric motor driven hydraulic pump shall be supplied. Dump body capacity shall be measured by the water level method. Body sides and front head shall be not less than 12 gage (2.7 mm (0.1046 in)) carbon steel. The front and rear height from the floor shall be at least 15 cm (6 in) higher than the sides. The floor, a minimum 10 gage (3.4 mm (0.1345 in)) carbon steel, shall be one piece, or two or more pieces if seam(s) are fully welded. The interior of the body shell and side reinforcements shall have continuous welds, if welded. The rub rail may be welded with 50 percent intermittent welds. Full length, channel formed rub rails of minimum width to cover the rear tires, shall be provided. Body crossmembers shall be minimum 8 cm (3 in) channel on maximum 46 cm (18 in) centers. Not less than two 12-gage (2.7 mm (0.1046 in)) steel equally spaced triangular, or continuous formed box section side braces excluding corner headers, shall be provided. Side pockets/rails shall have drain holes, and provisions at each end for insertion of sideboards. The tailgate shall have spreader chains and two key holders for adjustments on each side. A lower tailgate latch operable by a control at the left front corner of the body operable by the driver from his seated position shall be furnished. Unless otherwise specified, the hoist shall be the supplier's electric/hydraulic with reinforced understructure unit applicable for the body, having a minimum lifting capacity rating of 2727 kg (6,000 lb) in accordance with the National Truck Equipment Association Hoist Classification chart. The hydraulic system shall be provided

with a pressure relief valve to protect against overloading of the hoisting mechanism at 125% of rated capacity. Hoist shall lift the body to a minimum angle of 45 degrees; controls shall be located in the cab. Hydraulic lines and hoses shall be secured in a protected position, and shall not hang below the chassis frame. A mechanical body lock permanently affixed to the body/frame shall be furnished to hold the body in the up position. Rear wheels shall be provided with mud flaps at the rear. Spare tire/wheel assembly shall be securely attached to inside of body, a carrier is not required. A cab protector of the same material as the dump body shall be furnished, capable of providing protection to at least 25% of the cab roof area over its entire width.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, Cab - 2 Door	Cooling System - HDA
Wheelbase - As Required	Fuel Capacity, min., L (GAL) 113 (30)
Engine Type - Gas	Seating Capacity, min. - 3 pass.
Engine, min. CD/cyl. -5.4 L/8	Radio - AM/FM
Transmission - Auto/HDA Cooling	Air Conditioning
Brakes - Power/ABS	Intermittent Wipers
Steering - Power	Mud Guards, rear
Vinyl Upholstery	Rubber Floor Covering

4 X 2				4 X 4		
ITEM NO.	154	154B	154H	159	159A	159H**
PAYLOAD MIN., KG (LB)	2041 (4,500)	3041 (7,500)	4445 (9,800)	1814 (4,000)	3200 (7,200)	4300 (9,500)
GVWR min., KG, (LB)	5000 (11,000)	6500 (15,000)	7925 (17,500)	5,000 (11,000)	6800 (15,000)	7975 (17,300)
Engine, min. CD/cyl.	5.4 L/8	6.8 L/8-10	6.8L/8-10	5.4L/8	6.8L/8-10	6.8L/8-10
Transfer case	N/A	N/A	N/A	2 spd.-PT	2 spd.	2 spd.
Suspension/shocks	HDA	HDA w/aux. rears	HDA w/aux. rears	HDA	HDA	HDA
Hubs, frt. wheels locking	N/A	N/A	N/A	OEM std.	OEM std.	OEM std.
Wheels, dia.	16 in./R/dual rears	19.5 in./dual rears	19.5 in./dual rears	16 in. LT215R, dual rears	19.5 in./LT225R dual rears	19.5 in./LT225R dual rear
Tires, type/tread, min.	LT215/R/AS	LT225-70R AS	LT225-70R AS	MS/AT	MS/AT	MS/AT
Alternator/battery	105 A./600 CCA	105 A./600 CCA	105A./650 CCA	105A./600 CCA	105A./650 CCA	105A./650 CCA
Body, dump size/inside L & W (min.)	1.5 m3 (2 YD3) /2.4 x 2 M (96 x 78 IN)	2.3 m3 (3 YD3) /3 x 2.1 M (120 x 84 IN)	2.3 m3 (3 YD3) /3 x 2.1 M (120 x 84 IN)	1.55 M3 (2 YD3) /244 x 198 CM (96x78 IN)	(3YD3) /3 x 2.1 M (120 x 84 IN)	(3YD3) /3 x 2.1 M (120 x 84 IN)
Cab to axle, min./max., CM (IN)	152 (60)	215 (84)	215 (84)	152 (60)	215 (84)	215 (84)

NOTES: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application.

\*\*Indicates sole source item

Extended Warranty Coverage may be available on these vehicles.  
Refer to New Vehicle Guide Warranty Section.

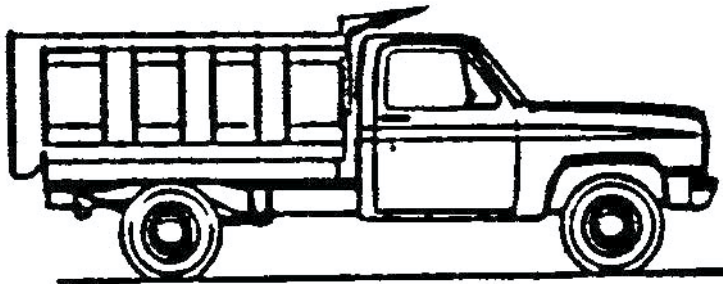
## REPRESENTATIVE VEHICLES

ITEMS:	4 X 2		
	154	154B	154H
Chrysler (C)	3500	-	-
Ford (F)	F350 N/A w/T6 in CA	F450	F550
GM (G)	C3500 <sup>1</sup>	C3500HD/560	560

ITEMS:	4 X 4		
	159	159A	159H
Chrysler (C)	3500 <sup>1</sup>	-	-
Ford (F)	F350 N/A w/T6 in CA	F450	F550
GM (G) N/A w/STD ENG in CA	K3500 <sup>1</sup>	K3500HD/560	-

NOTES: \*\* Indicates sole source item

1. Available with LF



## OPTIONAL EQUIPMENT CODES

O = Option available O\*\*=Sole source S = Standard on specified item

OPTION CODES	4 X 2			4 X 4		
	154	154B	154H	159	159A	159H
AT All-terrain/on-off road tires min. rear	0	0	0	0	0	0
BC Dump body cover	0	0	0	0	0	0
BUA Backup alarm	0	0	0	0	0	0
CM Carpeted floor covering	0	0	0	0	0	0
CNS Consignee delivery	0	0	0	0	0	0
CRTS Cruise control/tilt steering	0	0	0	0	0	0
CU Cloth upholstery	0	0	0	0	0	0
D3 Special traction rear	0	0	0	0	0	0
D7 Towing/mountain ratio	0	0	0	0	0	0
DA Delete air conditioning (Min. 80 amp alternator)	0	0	0	0	0	0
DDS Side panel drop style body	0	0	0	0	0	0
E5 Eight/ten cylinder, extra power, min 6.8L	0	S	S	0	S	S
EH Block heater, OEM (STD. w/YD)	0	0	0	0	0	0
FTH Front tow hooks (SiG 4x4) (N/A C)	-	-	0	0	0	0
LF Leaded fuel (export) (N/A C)	0	-	-	0	-	-
MBG Brush guard	0	0	0	0	0	0
MEW Electric Winch	0	0	0	0	0	0
MIL Military data plate	0	0	0	0	0	0
MIL1 Navy license plate	0	0	0	0	0	0
MIL2 Army license plate	0	0	0	0	0	0
MPS Snow plow package	0	0	0	0	0	0
PSM Parts and service manuals	0	0	0	0	0	0
RACS AM/FM radio w/integral cassette player	0	0	0	0	0	0
RAD AM/FM radio w/integral CD player	0	0	0	0	0	0
RH1*** Class 1 (OEM) Trailer hitch provisions	0	0	0	0	0	0
RHP2*** Class 2 (OEM) Trailer hitch provisions	0	0	0	0	0	0
RH3*** Class 3 (OEM) Draw bar receiver	0	0	0	0	0	0
RH4*** Class 4 (OEM) Draw bar receiver	0	0	0	0	0	0
SP Skid plates	-	-	-	0	0	0
SK Metric odometer	-	-	0	0	0	0
SZ Snow plow prep. package	-	-	-	0	0	0
T5 Manual transmission	0**(G)	-	-	0**(G)	-	-
T6 6 speed manual transmission (w/YD only) (N/AG)	0	0	0	0	0	0
TD Delete spare tire	0	0	0	0	0	0
YD Diesel engine, turbocharged (EH STD.)	0	0	0	0	0	0

NOTE: It is highly recommended that option D3, special traction rear axle, be ordered for vehicles frequently used in 4 wheel drive application

\*\*\* Refer to Trailer Towing Guide for definition of classes and restrictions for particular item numbers under those classes.

**TABLE 24: Dump Truck, Regular Cab, 4X2 and 4X4**

**TABLE 25: Cutaway Cab and Chassis**

This OEM cutaway cab and chassis with 2 doors shall be furnished for the subsequent mounting of various optional bodies. When a specified body is furnished, it shall be mounted to the chassis frame with a full floating body mounting system furnished by the O.E. chassis manufacturer or, if not available from the chassis manufacturer, the body shall be mounted in an identical manner to which the chassis manufacturer mounts the cab section. Multi-lip gasketing shall be installed between the back of the cab and the front of the body.



The equipment listed below shall be the minimum furnished on all vehicles listed in this table.

Style, RV Cutaway or Conventional Cutaway Cab - 2 Door	Alternator/Battery - 105A./600 CCA
Wheelbase, as required	Cooling system - HDA
Engine type - Gas	Seating Capacity, min. - 2 pass.
Transmission - Auto 4sp.w.OD/HDA Cooling	Radio - AM/FM
Differential, Type/Ratio - standard	Air conditioning
Suspension/shocks - HDA	Intermittent wipers
Brakes, Type - Power, ABS	Supplemental restraint system
Steering - Power	Passenger restraint system
Cloth upholstery	Carpeted floor covering

**4 X 2**

ITEM NO.	92	94	94A	94B**
PAYLOAD MIN., KG (LB)	2175 (4,800)	2585 (5,700)	2945 (6,500)	3840 (8,465)
GVWR min., KG (LB)	4300 (9,500)	4850 (10,700)	5215 (11,500)	6373 (14,050)
Engine, min. CD/cyl.	5.4 L/8	5.4 L/8	5.4 L/8	6.8 L/8-10
Wheels/dia.	16 in./single	16 in./dual rear	16 in. /dual rear	16 in. /dual rear
Tires, type/tread, min.	LT 245/R/AS	LT225/R/AS	LT225/R/AS	LT225/R/
Cab-axle/W.B., nominal (in.)	80"/138"	80"/138"	100"/158"	100"/158"
Fuel capacity, min., L (GAL)	124 (33)	124 (33)	124 (33)	205 (55)
Optional body load length M (FT)/height M (FT)	3 (10)/1.8 (6)	3 (10)/1.8 (6)	4.3 (14)/1.8 (6)	4.3 (14)/2(6.6)
Mirrors	low mount	RM	RM	RM

NOTES: The cutaway cab and chassis furnished under Item 94C can be furnished with the van type cab or a conventional type cab. Please refer to option codes table.

\*\* Sole source

**REPRESENTATIVE VEHICLES (Chassis)**

ITEM:	92	94	94A	94B**
Ford (F)	E350 E30	E350	E350 E30	E450 E47
GMC (G)	CG31532	CG31532	CG31832	-

**OPTIONAL EQUIPMENT CODES**

O = Option available    O**= Sole source    S = Standard on specified item		from Payload							
		92	94	94A	94B	92	94	94A	94B
APP	Ambulance prep package (requires YD)	0	0	0	0	-23	-23	-23	-23
AH	Auxiliary heater, cargo space	0	0	0	0	-28	-28	-28	-28
AWDC	All wheel drive conversion	0	0	0	0	-1200	-1200	-1200	-1200
B16	Body 16" w/176 in WB	-	-	-	0	-	-	-	-
BPC2	Body Paint Color	0	0	0	0	-	-	-	-
BRT <sup>3</sup>	Interior rope ties	0	0	0	0	-7	-20	-24	-24
BUA	Backup Alarm	0	0	0	0	-1	-1	-1	-1
CNG	Compressed Natural Gas	-	-	-	0 (F)	-	-	-	-600
CNS	Consignee delivery	0	0	0	0	-	-	-	-
CRT <sup>2</sup>	Cargo restraining track	0	0	0	0	-16	-42	-49	-49
CRTS	Cruise control/tilt steering	0	0	0	0	-	-	-	-
D3	Special traction, rear	0	0	0	0	-4	-4	-4	-4
D7	Towing/mountain ratio	0	0	0	0	-	-	-	-
DA	Delete air conditioning	0	0	0	0	-	-	-	-
DPA <sup>2</sup>	Interior partition, screen type w/door	0	0	0	0	-50	-50	-30	-30
DPB <sup>2</sup>	Interior partition, solid type w/door	0	0	0	0	-50	-50	-30	-30
DVAL <sup>2</sup>	Aluminum commercial delivery van body	0	0	0	0	-	-	-	-
DVC <sup>2</sup>	Rollup rear doors	0	0	0	-	-	-	-	-
DVD <sup>2</sup>	Hinged, full width rear doors, w/windows	0	0	0	0	-	-	-	-
DVE	Extra interior load height, min. 2m (80 in)	0	0	0	-	-	-	-	-
DVE1 <sup>2</sup>	Extra interior load height, min. 210 cm (84 in)	-	0	0	0	-	-60	-70	-70
DVF <sup>2</sup>	Wood flooring, cargo	0	0	0	0	-	-	-	-
DVFG	FRP commercial delivery van body	0	0	0	0	-	-	-	-
DVG <sup>2</sup>	Roof ventilation, static	0	0	0	0	-2	-2	-2	-2
DVS	Commercial utility body with superstructure	0	0	0	0	-	-	-	-
E5	Eight to ten cylinder, extra power, min 6.8 L	0	0	0	S	-	-	-	-
EH	Block heater OEM (std. W/YD)	0	0	0	0	-60	-60	-70	-70
FLFL <sup>2</sup>	Flat cargo floor	0	0	0	0	-	-	-	-
HTGR <sup>2</sup>	Hydraulic rail lift gate (N/A w/DVD)	-	0	0	0	-485	-685	-685	-685
HTP <sup>2</sup>	Power close lift gate use (use only w/HTGR)	0	0	0	0	-565	-565	-565	-565
MIL	Military data plate	0	0	0	0	-	-	-	-
MIL1	Navy license plate	0	0	0	0	-	-	-	-
MIL2	Army license plate	0	0	0	0	-	-	-	-
MPT	Exterior body paint same color as cab	0	0	0	0	-	-	-	-
MSC	Cold weather protection (use only w/MSW)	0	-	-	-	-41	-14	-14	-14
MSW	Van conversion, w/cargo compartment liner, side windows and door, and heater	0	-	-	-	-1349	-	-	-
PSM	Parts and service manuals	0	0	0	0	-	-	-	-
RACS	AM/FM Radio w/cassette player	0	0	0	0	-	-	-	-
RAD	AM/FM Radio w/CD player	0	0	0	0	-	-	-	-
RH3 <sup>2</sup>	Class 3 Draw bar receiver, (OEM)	0	0	0	0	-48	-48	-48	-48
RH4 <sup>2</sup>	Class 4 Draw bar receiver, (OEM)	0	0	0	0	-48	-48	-48	-48
SK	Metric odometer	0	0	0	0	-	-	-	-
TD	Delete spare assembly and carrier	0	0	0	0	+92	+92	+92	+92
YD	Diesel engine, turbocharged (EH std.)	0	0	0	0	-616	-616	-616	-616

NOTES: Exterior color of the delivery van body is the body manufacturer's standard white color. Color selection will apply only to the chassis manufacturer's cab portion unless code MPT is selected.

2. Only available when codes DVFG or DVAL is specified.

3. Only available when code DVS is specified.

**TABLE 25: Cutaway Cab and Chassis**

**TABLE 26: Multistop Van Truck**

This forward-control, walk-in style vehicle shall have an integral driver's compartment and enclosed body and as specified herein. The truck shall be the body size specified. Body shall be constructed of sheet aluminum or magnesium alloys of equal strength (minimum 1 mm (0.040 in) roof, 2.5 mm (0.100 in) side panels and with an aluminum frame). The roof shall be supported by 4 integral longitudinal ribs and metal roof reinforcements which are bonded in place on 61 cm (24 in) spacing front to rear. Nose section of body may be molded fiberglass construction. Upholstered seat/back for driver, and assistant seats, set on posts shall be provided. Driver seat shall be adjustable fore and aft, and for height, with positive locking device to secure seat in place when in use. Both seats shall be provided with 3 point safety belts. The cab compartment shall be furnished with a minimum 32,000 BTU rated heater. Dome lights shall be provided: one in the driver's compartment; and one centered in the load space (Item 131), and two load space lights, equally spaced for Items 134 and 134B. Dual adjustable combination (flat and convex) swing away mirrors shall be furnished. These multistop trucks shall be furnished with clearance lamps and side marker lamps conforming to FMVSS 108, regardless of width. Inset steps shall be provided at both front entrances, and shall have skid resistant (tread plate or non-skid material) surface. Body shall have sliding type front doors. The door operating handles shall be capable of serving as door opening/closing handles, or door grab handles shall be provided. All doors shall be furnished with cylinder type locks for the same key, with unlike keys on vehicles to the same destination. Sliding windows with not less than 2340 sq cm (360 sq in) of clear glass shall be provided in the front doors. All door windows shall be safety glass mounted in molded rubber in the upper section of the doors. Windows shall be watertight.

Two side-hinged, full width rear doors both with an inner stop shall be provided. Upper and lower windows, with a minimum total 1950 sq cm (300 sq in) of clear glass area shall be provided in the rear doors. Rear doors shall have door operating handles inside and outside. Rear doors shall be provided with door checks to hold doors in full open position. In addition to the door operating handles, grab handles, to assist in closing the doors, shall be provided on inside of rear doors.

A safety-tread, steel plate step, integrated with the rear bumper and extending not less than 84 cm (33 in) in width shall be furnished. Rear end splash shields shall be provided extending from ends of steps to outside edges of the body and shall be mounted independent of the body.

Means of access shall be provided in the engine compartment for complete engine service and maintenance; and for servicing at least the radiator, engine oil, transmission oil, washer fluid, power steering fluid, etc., from the exterior front of the vehicle.

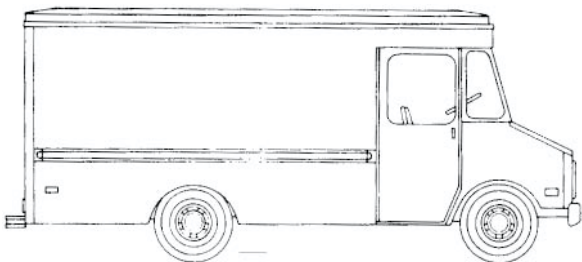
Not less than five full width crossmembers (including end sills) shall be furnished. Stub crossmembers, as required at wheel housing to provide required strength, shall be furnished. Flooring with integrally formed cross members meet these requirements.

Roof shall be one piece or shall have a one piece center section with caps at the front, rear and sides, not less than 1 mm (0.040 in) thick aluminum. Rain gutters shall be provided over all doors. All body seams and joints shall be dust and weather sealed. Side panel shall be protected with OEM protective rub rails.

An all metal aluminum floor shall be provided with safety tread that shall be not less than 0.125 in., except for the driver's area and steps which shall be not less than 18 gage (1.2 mm (0.0478 in)). Floor and support members shall sustain an evenly distributed load of 610 kg per sq m (125 lb per sq ft) of floor area. Alternate floor construction shall be of extruded aluminum, dry freight construction with strength at least equal to that of steel.

The entire roof and sides shall be lined and completely insulated with no less than 2.5 cm (1 in) thick fiberglass batting or polystyrene. Exterior doors shall be lined on inside or double paneled. Headliner for roof and side lining shall be sheet aluminum min/1mm (0.04in), or 6.4 mm (0.25 in) thick minimum exterior grade plywood. The interior body sides shall be smooth or ribbed with no other protrusions except fasteners and corner posts. The fasteners shall project not more than 2.8 mm (0.11 in) into the interior and shall be blended and smooth. Side lining panels furnished shall completely line the body without gaps between panels, except at roof line, where a gap between side and roof panels shall not exceed 1.3 cm (0.5 in). All interior panels shall be removable to facilitate body repair. Each sheet metal headliner and side lining panel shall be rigid, shall have no sharp edges exposed to the touch and shall be fastened so as to prevent scalloping and edge ridges in the panels. Each wood headliner and sideline panel shall be free of defects, sanded smooth and flush with adjacent panels. Dimensions (with side panels installed) shall be as specified. The body side lining (panels) shall be furnished reinforced for load support and with tie rings. The recessed tie rings shall be spaced on 61 cm (24 in) centers and 76 cm (30 in) above floor line, measured to center of tie ring + or - 5 cm (2 in). Tie rings are not required on bulkhead.

The equipment listed below shall be the minimum furnished on all vehicles listed in this table.



Style, Forward Control - Walk-In	Fuel Capacity, min., L (GAL) - 130 (35)
Wheelbase, min./max., CM (IN)- as required.	Seating Capacity, min. - 2 pass.
Engine Type - Gas	Bumper, Rear Type - Step Style w/RH2 Trailer Hitch Provisions
Engine, min. CD/cyl. - 5.4 L/8	Cargo Door, Type - Center Panel Doors
Transmission - Automatic	Reinforced Body Inside Lining and Tiedowns - 2 sides
Differential, type/ratio - OEM std.	Insulation, all sides and roof, min. - 1 in.
Suspension/shocks - HDA	Radio - AM/FM (in dash)
Brakes, Type - Power	Mirrors - combination
Steering - Power	Vinyl upholstery
Alternator/Battery - 95A./600 CCA	Rubber floor covering in cab area
Cooling System - HDA	

4 X 2

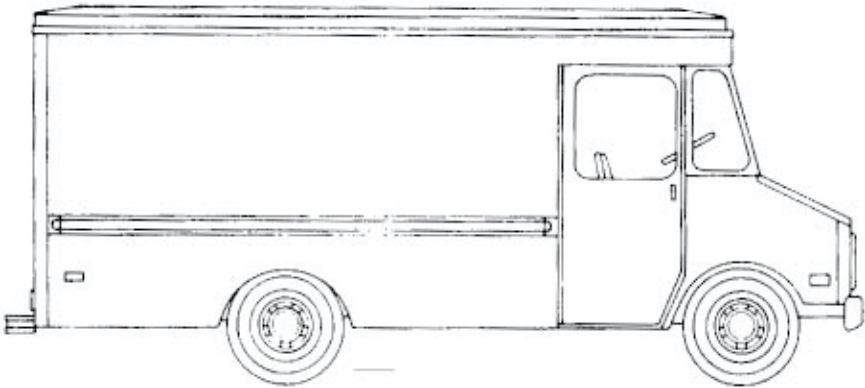
ITEM NO.	131	134	134B
PAYLOAD MIN., KG (LB)	1542 (3400)	2155 (4700)	3175 (7000)
GVWR min., KG (LB)	4360 (9400)	4989 (11,000)	6400 (14,000)
Wheels, dia.	16 in./single rears	16 in./dual rears	16-19.5 in./dual rears
Tires, type/tread, min.	LT 245/R/hwy-AS	LT 215/R/hwy-AS	8.00 B /hwy-LT225/R/AS 75R16
Body, interior cap. min., M3 (FT3)	10 (350)	13 (450)	15 (550)
Body load space length & height min., M (FT)	3 (10) x 1.8 (6)	3.6 (12) x 1.8 (6)	4.3 (14) x 1.8 (6.0)

TABLE 26: Multistop Van Truck

TABLE 26: Multistop Van Truck

REPRESENTATIVE VEHICLES (Chassis)

ITEMS:	131	134	134B
Ford (F) (N/A w/YD)	E350	E350 NA w/YD	E450 NA w/YD
Freightliner (FL)	-	-	MT-45 N/A w/ GAS ENGINE
Workhorse (W) (N/A w/D3)	P30	P30 <sup>1</sup>	P30



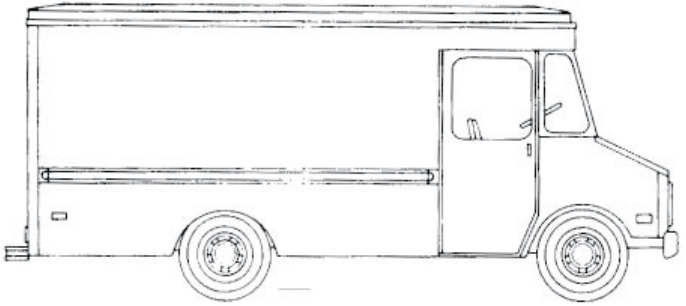


# OPTIONAL EQUIPMENT CODES

O = Option available O\*\*=Sole source S = Standard on specified item

					Add + or Deduct - from Payload		
					131	134	134B
AC	Air conditioning	0	0	0	-44	-44	-44
BR	Translucent roof	0	0	0	+40	+42	+48
BUA	Back up alarm	0	0	0	-1	-1	-1
CNG	Compressed natural gas	-	-	0**(FL)	-	-	-700
CNS	Consignee delivery	0	0	0	-	-	-
CRTS	Cruise control/tilt steering	0	0	0	-	-	-
CU	Cloth upholstery	0	0	0	-	-	-
D3	Special traction, rear	0**(F)	0**(F)	-	-4	-7	-7
D7	Towing/mountain ratio	0	0	0	-	-	-
DPA	Interior partition, screen type, w/door	0	0	0	-126	-126	-126
DPB	Interior partition, solid type w/door	0	0	0	-100	-100	-100
DPW	Windows in solid partition (use w/DPB only)	0	0	0	N/A	N/A	N/A
DVC	Roll up rear door, w/upper and lower windows	0	0	0	-126	-126	-126
DVD	Full width rear doors, w/upper and lower windows	0	0	0	-40	-40	-40
DVE	Extra interior load height, min 200 cm (80 in.)	-	0	0	-100	-101	-115
DVE1	Extra interior load height, min 210 cm (84 in.)	-	0	0	-150	-144	-170
DVF	Wood flooring, cargo	0	0	0	-130	-144	-172
DVG	Roof ventilator, static	0	0	0	-2	-2	-5
DV4	Cargo body length, min. 4.3 m (14 ft)	-	0	S	N/A	STD	+200
DV6	Cargo body length, min. 4.9 m (16 ft)	-	0	0	N/A	-200	STD
DV8	Cargo body length, min. 5.5 m (18 ft)	-	-	0	N/A	N/A	-250
EH	Block heater, OEM (STD. w/YD)	0	0	0	-5	-5	-5
HTGR	Hydraulic rail lift gate	0	0	0	-485	-580	-650
HTP	Power close lift gate (use only w/HTGR)	0	0	0	-525	-525	-525
LF	Leaded fuel, export	0**(W)	0**(W)	0**(W)	-	-	-
MIL	Military data plate	0	0	0	-	-	-
MIL1	Navy license plate	0	0	0	-	-	-
MIL2	Army license plate	0	0	0	-	-	-
PSM	Parts and service manuals	0	0	0	-	-	-
RACS	In dash AM/FM radio with cassette	0	0	0	-	-	-
RAD	In dash AM/FM radio with CD	0	0	0	-	-	-
RH3***	Class 3 Draw bar receiver, (OEM)	0	0	0	-46	-46	-46
RH4***	Class 4 Draw bar receiver, (OEM)	0	0	0	-46	-46	-46
SK	Metric odometer	0	0	0	-	-	-
TD	Delete spare tire	0	0	0	+50	+50	+50
YD	Diesel engine (EH STD.)	0	0	0	-616	-616	-616
WR	Increase GVWR to 7,250 KG (15,000 LB) min	-	-	0(FL&W)	-	-	-
WR2	Increase GVWR to 8,200 KG (19,000 LB) min	-	-	0**(FL)	-	-	-

NOTES: \*\*Indicates sole source item.



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TABLE 26: Multistop Van Truck

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